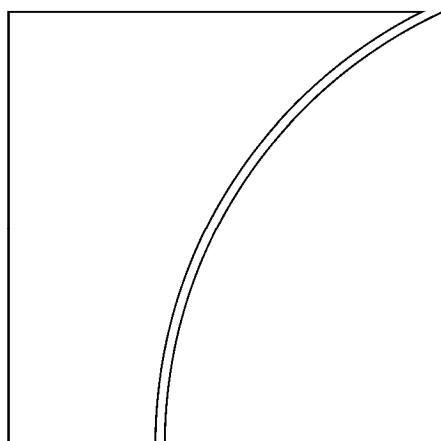


# Committee on Payment and Settlement Systems



## Statistics on payment and settlement systems in the CPSS countries

Figures for 2009

March 2011



BANK FOR INTERNATIONAL SETTLEMENTS

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## Contents

<b>Country tables</b> .....	1
Australia .....	3
Belgium .....	17
Brazil .....	35
Canada .....	55
China .....	75
Euro area .....	93
France .....	99
Germany .....	115
Hong Kong SAR .....	135
India .....	151
Italy .....	173
Japan .....	191
Korea .....	213
Mexico .....	229
Netherlands .....	247
Russia .....	261
Saudi Arabia .....	281
Singapore .....	295
South Africa .....	311
Sweden .....	325
Switzerland .....	343
Turkey .....	357
United Kingdom .....	375
United States .....	393
<b>Comparative tables</b> .....	409
<b>Annexes</b> .....	507
General comments .....	509
Statistical methodology for the country tables .....	511
Statistical methodology for the comparative tables .....	527
Central bank officials involved in the preparation of this edition of the statistical update .....	547
Other BIS publications relating to payment and settlement systems .....	549

**Note**

It is important that the country tables are read in conjunction with the corresponding statistical methodology. Where the data provided are an exception to the methodology, this is indicated by in the table concerned. A second statistical methodology explains which data have been taken from the country tables for the comparative tables.

Notation used in this publication:

nap not applicable

nav not available

0 exactly zero (not rounded to zero; country tables only)

Differences in totals are due to rounding.

## **Country tables**



**Table 1****Basic statistical data**

	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>
Population (thousands)	20,437	20,750	21,124	21,561	22,019
GDP (AUD billions)	967	1,043	1,138	1,240	1,247
GDP per capita (AUD)	47,306	50,251	53,893	57,530	56,626
Consumer price inflation (%)	2.8	3.3	3.0	3.7	2.1
Exchange rate (AUD/USD):					
<i>end of year</i>	1.3630	1.2637	1.1343	1.4434	1.1150
<i>average</i>	1.3148	1.3203	1.1860	1.1730	1.2520

**Table 2****Settlement media used by non-banks***(AUD billions, end of year)*

	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>
Notes and coin in circulation outside banks	34.90	37.79	39.99	45.06	46.06
Value of transferable deposits	147.86	168.99	191.37	197.52	205.61
Narrow money supply (M1)	182.76	206.78	231.36	242.58	251.67
<i>Memo:</i>					
Transferable deposits in foreign currencies	nav	nav	nav	nav	nav
Outstanding value on e-money storages	nap	nap	nap	nap	nap

**Table 3**  
**Settlement media used by banks**  
(AUD billions, average for December)

	2005	2006	2007	2008	2009
Transferable balances held at the central bank	1.33	1.12	6.52	18.50	5.11
<i>required reserves</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
<i>free reserves</i>	1.33	1.12	6.52	18.50	5.11
Transferable balances held at other banks	nav	nav	nav	nav	nav
<i>Memo:</i>					
Credit extended by the central bank:					
<i>intraday</i>	7.45	10.40	12.00	14.51	15.48
<i>overnight</i>	0	0	0	0	0
<i>longer refinancing operations (repos)</i>	0	0	0	0	0

**Table 4**  
**Banknotes and coin**  
(AUD millions, end of year)

	2005	2006	2007	2008	2009
Total banknotes and coin issued	42,092.1	44,554.5	47,651.7	54,649.4	55,212.9
Total banknotes issued	39,677.5	41,980.5	44,938.9	51,709.5	51,615.4
<i>AUD 100</i>	15,841.6	16,734.2	17,811.3	19,538.2	20,833.5
<i>AUD 50</i>	19,323.2	20,589.5	22,366.5	27,099.8	26,099.6
<i>AUD 20</i>	3,035.9	3,118.9	3,161.5	3,389.0	2,972.6
<i>AUD 10</i>	892.5	927.0	960.9	1,007.8	1,015.3
<i>AUD 5</i>	584.3	610.9	638.6	674.8	694.3
Total coin issued	2,414.5	2,574.0	2,712.8	2,940.0	3,597.5
<i>AUD 2</i>	942.9	1,014.5	1,078.1	1,204.1	1,536.5
<i>AUD 1</i>	565.8	594.0	631.7	677.4	822.4
<i>AUD 0.50</i>	332.8	353.4	365.5	385.3	445.5
<i>AUD 0.20</i>	237.7	254.7	268.3	287.2	352.2
<i>AUD 0.10</i>	166.1	178.2	185.4	194.7	226.8
<i>AUD 0.05</i>	169.2	179.3	183.8	191.3	214.1
Banknotes and coin held by banks	7,191.1	6,762.5	7,663.7	9,587.4	9,156.9
Banknotes and coin in circulation outside banks	34,901.0	37,792.0	39,988.0	45,062.0	46,056.0



**Table 5**  
**Institutions offering payment services to non-banks**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>Central bank</b>					
Number of branches or offices	2	2	2	2	2
Number of accounts	nav	nav	nav	nav	nav
Value of accounts (AUD billions)	26.8	48.4	19.4	15.8	20.5
<i>Memo:</i>					
Number of accounts, all	nav	nav	nav	nav	nav
<b>Banks</b>					
Number of institutions	51	54	55	58	57
Number of branches or offices	4,960	5,147	5,264	5,398	5,504
Number of accounts	nav	nav	nav	nav	nav
Value of accounts (AUD billions)	760.8	869.7	1,153.7	1,319.8	1,397.4
<b>Other institutions offering payment services to non-banks</b>					
Number of institutions	178	162	157	145	128
Number of branches or offices	1,235	1,274	1,252	1,226	1,172
Number of accounts (thousands)	nav	nav	nav	nav	nav
Value of accounts (AUD billions)	43.5	47.2	51.6	55.0	58.9
<b>Building societies</b>					
Number of institutions	14	14	14	12	11
Number of branches or offices	317	342	356	327	300
Value of accounts (AUD billions)	15.3	16.9	18.3	17.9	19.3
<b>Credit unions</b>					
Number of institutions	164	148	143	133	117
Number of branches or offices	918	932	896	899	872
Value of accounts (AUD billions)	28.2	30.3	33.4	37.1	39.6
<b>Institutions offering payment services to non-banks (total)</b>					
Number of institutions	230	217	213	204	186
Number of branches or offices	6,197	6,423	6,518	6,626	6,678
Number of accounts held by non-banks	nav	nav	nav	nav	nav
Value of accounts held by non-banks (AUD billions)	831.2	965.3	1,224.7	1,390.5	1,476.8
<i>Memo:</i>					
<b>Electronic money institutions</b>					
Number of institutions	nap	nap	nap	nap	nap
Outstanding value on e-money storages issued by e-money institutions (AUD billions)	nap	nap	nap	nap	nap

**Table 6**  
**Payment card functions and accepting devices**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>Cards issued in the country (thousands)</b>					
Cards with a cash function	45,576	48,297	51,227	54,818	58,224
Cards with a debit function	28,897	30,565	32,348	35,338	37,934
Cards with a credit function <sup>1</sup>	16,679	17,732	18,878	19,480	20,290
Cards with an e-money function	nap	nap	nap	nap	nap
Total number of cards (irrespective of the number of functions on the card)	45,576	48,297	51,227	54,818	58,224
<i>of which: cards with a combined debit, cash and e-money function</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
<i>Memo:</i>					
Retailer cards	nav	nav	nav	nav	nav
<b>Terminals located in the country</b>					
ATMs	23,952	25,752	26,067	27,081	27,067
<i>ATMs with a cash withdrawal function</i>	<i>23,952</i>	<i>25,752</i>	<i>26,067</i>	<i>27,081</i>	<i>27,067</i>
<i>ATMs with a credit transfer function</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
POS terminals	533,415	570,381	628,819	669,600	697,803
<i>EFTPOS terminals</i>	<i>533,415</i>	<i>570,381</i>	<i>628,819</i>	<i>669,600</i>	<i>697,803</i>
E-money card terminals	nap	nap	nap	nap	nap

<sup>1</sup> Includes cards with a delayed debit function.

**Table 7**  
**Indicators of the use of payment instruments and terminals by non-banks: volume of transactions**  
*(millions, total for the year)*

	2005	2006	2007	2008	2009
<b>Transactions per type of payment instrument</b>					
Credit transfers <sup>1</sup>	1,078.5	1,139.7	1,227.1	1,316.5	1,384.5
<i>paper-based</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
<i>non-paper-based</i>	1,078.5	1,139.7	1,227.1	1,316.5	1,384.5
Direct debits	488.2	514.0	560.8	605.4	645.7
Card payments with cards issued in the country	2,389.8	2,602.6	2,848.2	3,158.6	3,466.0
<i>payments by cards with a debit function</i>	1,207.6	1,338.1	1,505.0	1,740.7	1,985.3
<i>payments by cards with a credit function</i> <sup>1,2</sup>	1,182.2	1,264.5	1,343.1	1,418.0	1,480.8
E-money payment transactions	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
Cheques	483.7	449.9	418.1	371.0	333.0
Other payment instruments <sup>3</sup>	157.7	183.6	211.4	239.3	264.2
Total number of transactions with payment instruments	4,597.9	4,889.8	5,265.5	5,690.9	6,093.4
<i>of which: cross-border transactions sent</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>Memo:</i>					
Cross-border transactions received	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<b>Transactions per type of terminal</b>					
Total transactions at terminals in the country					
Cash transactions <sup>4</sup>	964.2	980.4	1,028.5	1,113.5	1,131.4
<i>ATM cash withdrawals</i>	713.6	728.5	770.4	869.5	862.7
<i>ATM cash deposits</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
POS payment transactions	2,156.1	2,346.7	2,673.7	2,785.6	3,121.9
E-money card loading/unloading transactions	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
E-money card payment transactions	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>

<sup>1</sup> Excludes BPAY. <sup>2</sup> Includes payments by cards with a delayed debit function. <sup>3</sup> BPAY. <sup>4</sup> Includes cash-outs at point-of-sale terminals.

**Table 8**  
**Indicators of the use of payment instruments and terminals by non-banks: value of transactions**  
 (AUD billions, total for the year)

	2005	2006	2007	2008	2009
<b>Transactions per type of payment instrument</b>					
Credit transfers <sup>1</sup>	4,801.3	5,474.5	6,437.2	6,868.1	6,566.4
<i>paper-based</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
<i>non-paper-based</i>	4,801.3	5,474.5	6,437.2	6,868.1	6,566.4
Direct debits	3,523.8	3,992.4	4,707.4	5,021.8	4,886.4
Card payments with cards issued in the country	227.8	252.6	281.8	315.2	337.6
<i>payments by cards with a debit function</i>	72.0	81.2	92.3	108.5	123.3
<i>payments by cards with a credit function</i> <sup>1,2</sup>	155.8	171.4	189.5	206.7	214.3
E-money payment transactions	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
Cheques	1,664.6	1,693.5	1,839.5	1,617.2	1,500.2
Other payment instruments <sup>3</sup>	100.3	121.8	146.3	169.7	188.1
Total value of transactions with payment instruments	10,317.8	11,534.9	13,412.2	13,992.0	13,478.8
<i>of which: cross-border transactions sent</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>Memo:</i>					
Cross-border transactions received	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<b>Transactions per type of terminal</b>					
Total transactions at terminals in the country					
Cash transactions <sup>4</sup>	149.9	154.9	163.5	178.5	183.5
<i>ATM cash withdrawals</i>	126.3	129.8	138.3	153.7	156.2
<i>ATM cash deposits</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
POS payment transactions	209.2	231.1	255.8	264.0	282.0
E-money card loading/unloading transactions	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
E-money card payment transactions	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>

<sup>1</sup> Excludes BPAY. <sup>2</sup> Includes payments by cards with a delayed debit function. <sup>3</sup> BPAY. <sup>4</sup> Includes cash-outs at point-of-sale terminals.

**Table 9**  
**Participation in selected interbank funds transfer systems**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>RITS</b>					
Number of participants <sup>1</sup>	60	62	63	68	70
Direct participants	57	58	58	62	61
Banks	50	49	49	52	50
Central bank	1	1	1	1	1
Other direct participants	6	8	8	9	10
<i>Clearing and settlement organisations</i>	3	3	3	3	4
<i>Other financial institutions</i>	3	5	5	6	6
<i>Other</i>	0	0	0	0	0
Indirect participants	3	4	5	6	9

<sup>1</sup> RITS also has a number of non-participant members.

**Table 10**  
**Payments processed by selected interbank funds transfer systems: volume of transactions**  
*(millions, total for the year)*

	2005	2006	2007	2008	2009
<b>Large-value and retail payment systems</b>					
<b>RITS</b>					
Total transactions sent	5.96	6.42	7.25	8.09	7.85
Concentration ratio in terms of volume (%)	73.1	73.2	72.7	72.8	73.2

**Table 11**  
**Payments processed by selected interbank funds transfer systems: value of transactions**  
*(AUD billions, total for the year)*

	2005	2006	2007	2008	2009
<b>Large-value and retail payment systems</b>					
<b>RITS</b>					
Total transactions sent	33,488.1	38,061.2	45,480.1	47,340.4	41,909.1
Concentration ratio in terms of value (%)	63.2	62.8	61.1	60.5	60.4

**Table 12**  
**Participation in SWIFT by domestic institutions**  
*(end of year)*

	2005	2006	2007	2008	2009
Members	11	11	11	12	11
<i>of which: live</i>	11	11	11	12	11
Sub-members	63	64	63	66	63
<i>of which: live</i>	61	63	61	63	61
Participants	17	16	18	23	25
<i>of which: live</i>	17	16	16	19	23
Total users	91	91	92	101	99
<i>of which: live</i>	89	90	88	94	95
<i>Memo:</i>					
Total SWIFT users	7,888	8,105	8,332	8,830	9,281
<i>members</i>	2,231	2,288	2,276	2,276	2,356
<i>sub-members</i>	3,077	3,120	3,212	3,305	3,306
<i>participants</i>	2,580	2,697	2,844	3,249	3,619

Source: SWIFT.

**Table 13**  
**SWIFT message flows to/from domestic users**  
*(thousands, total for the year)*

	2005	2006	2007	2008	2009
Total messages sent	42,382	50,150	68,220	81,041	74,844
<i>of which:</i>					
<i>category I</i>	11,227	11,985	13,382	14,978	14,902
<i>category II</i>	4,772	4,814	5,220	5,910	5,600
Total messages received	40,486	45,668	58,428	69,186	65,554
<i>of which:</i>					
<i>category I</i>	11,238	11,895	13,070	14,734	14,119
<i>category II</i>	5,993	6,379	8,450	8,467	8,010
Domestic traffic	11,773	12,552	15,634	18,567	18,217
<i>Memo:</i>					
Global SWIFT traffic	2,518,285	2,864,537	3,501,163	3,854,576	3,760,314

Source: SWIFT.

**Table 14**  
**Number of participants in exchanges and trading systems**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>ASX</b>					
Total number of participants	84	90	101	100	84
<i>central bank</i>	0	0	0	0	0
<i>central counterparties (CCPs)</i>	1	1	1	0	0
<i>banks</i>	0	0	0	0	0
<i>other</i>	83	89	100	100	84
Number of domestic participants					
<i>central bank</i>	nav	nav	nav	nav	nav
<i>central counterparties (CCPs)</i>	0	0	0	0	0
<i>banks</i>	1	1	1	0	0
<i>other</i>	0	0	0	0	0
Number of foreign participants					
<i>central bank</i>	nav	nav	nav	nav	nav
<i>central counterparties (CCPs)</i>	0	0	0	0	0
<i>banks</i>	0	0	0	0	0
<i>other</i>	0	0	0	0	0
<b>ASX 24</b>					
Total number of participants	nav	nav	nav	nav	nav

**Table 15**  
**Number of listed securities**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>ASX</b>					
Total number of listed securities	1,873	2,014	2,209	2,223	2,181
equity	1,873	2,014	2,209	2,223	2,181
<b>ASX 24</b>					
Total number of listed securities	nap	nap	nap	nap	nap

**Table 16**  
**Market capitalisation of listed companies**  
*(AUD billions, end of year)*

	2005	2006	2007	2008	2009
<b>ASX</b>					
Total market capitalisation/equity	1,109.60	1,390.32	1,478.65	969.05	1,403.12
<b>ASX 24</b>					
Total market capitalisation/equity	nap	nap	nap	nap	nap

**Table 17****Number of executed trades***(thousands, total for the year)*

	2005	2006	2007	2008	2009
<b>ASX</b>					
Total number of executed securities trades	25,750.0	38,221.0	69,188.3	107,136.1	116,494.4
equity	25,750.0	38,221.0	69,188.3	107,136.1	116,494.4
Total number of executed derivatives trades	23,211.0	22,371.0	25,080.2	20,315.4	19,398.5
<i>financial futures</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>financial options</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>other financial derivatives</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>commodity futures</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
<i>commodity options</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
<i>other commodity derivatives</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
<b>ASX 24</b>					
Total number of executed securities trades	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
Total number of executed derivatives trades	64,313.7	79,951.2	92,714.5	76,083.0	64,583.7
<i>financial futures</i>	61,036.8	75,935.7	89,084.7	73,912.5	62,056.3
<i>financial options</i>	3,235.8	3,940.0	3,468.5	2,029.8	2,380.6
<i>other financial derivatives</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
<i>commodity futures</i>	40.5	73.9	157.0	130.4	136.4
<i>commodity options</i>	0.6	1.5	4.3	10.3	10.3
<i>other commodity derivatives</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>

**Table 18****Value of executed trades***(AUD billions, total for the year)*

	2005	2006	2007	2008	2009
<b>ASX</b>					
Total value of executed securities trades	856.10	1,106.66	1,597.44	1,407.28	1,163.39
equity	856.10	1,106.66	1,597.44	1,407.28	1,163.39
Total value of executed derivatives trades	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<b>ASX 24</b>					
Total value of executed securities trades	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
Total value of executed derivatives trades	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>



**Table 19**  
**Number of clearing members**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>ASX Clear</b>					
Total number of clearing members	62	57	57	54	49
<i>central bank</i>	0	0	0	0	0
<i>central counterparties (CCPs)</i>	0	0	0	0	0
<i>banks</i>	0	0	0	0	0
<i>other</i>	62	57	57	54	49
Number of domestic clearing members					
<i>central bank</i>	nav	nav	nav	nav	nav
<i>central counterparties (CCPs)</i>	0	0	0	0	0
<i>banks</i>	1	1	1	0	0
<i>other</i>	0	0	0	0	0
Number of foreign clearing members					
<i>central bank</i>	nav	nav	nav	nav	nav
<i>central counterparties (CCPs)</i>	0	0	0	0	0
<i>banks</i>	0	0	0	0	0
<i>other</i>	nav	nav	nav	nav	nav
<b>ASX Clear (Futures)</b>					
Total number of clearing members	nav	nav	nav	15	15
<i>central bank</i>	nav	nav	nav	0	0
<i>central counterparties (CCPs)</i>	nav	nav	nav	0	0
<i>banks</i>	nav	nav	nav	0	0
<i>other</i>	nav	nav	nav	15	15
Number of domestic clearing members					
<i>central bank</i>	nav	nav	nav	nav	nav
Number of foreign clearing members					
<i>central bank</i>	nav	nav	nav	nav	nav

**Table 20****Number of contracts and transactions cleared**

	2005	2006	2007	2008	2009
<b>ASX Clear</b>					
Total number of contracts and transactions cleared	nav	nav	nav	nav	nav
<b>ASX Clear (Futures)</b>					
Total number of contracts and transactions cleared	nav	nav	nav	nav	nav

**Table 21****Value of contracts and transactions cleared**

	2005	2006	2007	2008	2009
<b>ASX Clear</b>					
Total value of contracts and transactions cleared	nav	nav	nav	nav	nav
<b>ASX Clear (Futures)</b>					
Total value of contracts and transactions cleared	nav	nav	nav	nav	nav

**Table 22**  
**Number of direct participants in CSDs**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>ASX Settlement</b>					
Total number of participants	109	110	113	120	93
<i>central bank</i>	0	0	0	0	0
<i>central counterparties (CCPs)</i>	1	1	1	0	0
<i>central securities depositories</i>	0	0	0	0	0
<i>banks</i>	0	0	0	0	0
<i>other</i>	108	109	112	120	93
Number of domestic participants	nav	nav	nav	nav	nav
Number of foreign participants	nav	nav	nav	nav	nav
<b>Austraclear</b>					
Total number of participants	nav	nav	nav	848	763
<i>central bank</i>	nav	nav	nav	0	0
<i>central counterparties (CCPs)</i>	nav	nav	nav	0	0
<i>central securities depositories</i>	nav	nav	nav	0	0
<i>banks</i>	nav	nav	nav	0	0
<i>other</i>	nav	nav	nav	848	763
Number of domestic participants	nav	nav	nav	nav	nav
Number of foreign participants	nav	nav	nav	nav	nav

**Table 23**  
**Number of securities held on accounts at CSDs**  
*(thousands, end of year)*

	2005	2006	2007	2008	2009
<b>ASX Settlement</b>					
Total number of securities held <sup>1</sup>	1.873	2.014	2.209	2.223	2.181
equity	1.873	2.014	2.209	2.223	2.181
<b>Austraclear</b>					
Total number of securities held	nav	nav	nav	nav	nav

<sup>1</sup> Estimated from number of listed securities.

**Table 24**  
**Value of securities held on accounts at CSDs**  
*(AUD billions, end of year)*

	2005	2006	2007	2008	2009
<b>ASX Settlement</b>					
Total value of securities held <sup>1</sup>	1,109.6	1,390.3	1,478.7	969.0	1,403.1
equity	1,109.6	1,390.3	1,478.7	969.0	1,403.1
<b>Austraclear</b>					
Total value of securities held <sup>2</sup>	nav	nav	771.0	983.9	1,063.4
debt securities	nav	nav	771.0	983.9	1,063.4
<i>short-term paper</i>	nav	nav	nav	nav	nav
<i>bonds</i>	nav	nav	nav	nav	nav

<sup>1</sup> Estimated from value of listed securities. <sup>2</sup> As at end June.

**Table 25**  
**Number of delivery instructions processed**  
*(thousands, total for the year)*

	2005	2006	2007	2008	2009
<b>ASX Settlement</b>					
Total number of delivery instructions	nav	nav	nav	nav	nav
DVP	nav	nav	nav	12,307	11,690
equity	nav	nav	nav	12,307	11,690
free of payment	nav	nav	nav	nav	nav
<b>Austraclear</b>					
Total number of delivery instructions	nav	nav	nav	nav	236.90
DVP	nav	nav	nav	nav	236.26
debt securities	nav	nav	nav	nav	236.26
<i>short-term paper</i>	nav	nav	nav	nav	nav
<i>bonds</i>	nav	nav	nav	nav	nav
free of payment	nav	nav	nav	nav	0.65
debt securities	nav	nav	nav	nav	0.65
<i>short-term paper</i>	nav	nav	nav	nav	nav
<i>bonds</i>	nav	nav	nav	nav	nav

**Table 26**  
**Value of delivery instructions processed**  
*(AUD billions, total for the year)*

	2005	2006	2007	2008	2009
<b>ASX Settlement</b>					
Total value of delivery instructions	nav	nav	nav	nav	nav
DVP	nav	nav	nav	2,520.9	1,937.7
equity	nav	nav	nav	2,520.9	1,937.7
free of payment	nav	nav	nav	nav	nav
<b>Austraclear</b>					
Total value of delivery instructions	nav	nav	nav	nav	10,365.2
DVP	nav	nav	nav	nav	10,365.2
debt securities	nav	nav	nav	nav	10,365.2
<i>short-term paper</i>	nav	nav	nav	nav	nav
<i>bonds</i>	nav	nav	nav	nav	nav
free of payment	nav	nav	nav	nav	nav
debt securities	nav	nav	nav	nav	nav

**Table 1**  
**Basic statistical data**

	2005	2006	2007	2008	2009
Population (thousands) <sup>1</sup>	10,474	10,543	10,667	10,757	10,780
GDP (EUR billions)	302.8	318.2	335.1	345.0	339.2
GDP per capita (EUR)	28,914	30,177	31,413	32,073	31,462
Consumer price inflation (in %) <sup>1</sup>					
Exchange rate (EUR/USD):					
<i>end of year</i>	0.8477	0.7593	0.6793	0.7185	0.6942
<i>average</i>	0.8051	0.7972	0.7308	0.6835	0.7190

<sup>1</sup> Yearly average.

**Table 2**  
**Settlement media used by non-banks**  
(EUR billions, end of year)

	2005	2006	2007	2008	2009
Notes and coin in circulation outside banks <sup>1</sup>	nap	nap	nap	nap	nap
Value of transferable deposits <sup>2</sup>	109.10	114.81	127.35	126.97	136.74
<i>Memo:</i>					
Transferable deposits in foreign currencies	15.54	16.96	22.43	24.20	18.77
Outstanding value on e-money storages	0.08	0.07	0.07	0.07	0.06
<i>on card-based products</i>	0.08	0.07	0.07	0.07	0.06
<i>on software- or network-based products</i>	nap	nap	nap	nap	nap

<sup>1</sup> Due to banknote migration, data are available only at an aggregated euro area level (see Euro area, Table 2). <sup>2</sup> Value of overnight deposits held at Monetary Financial Institutions (MFIs) by non-MFIs (including "Central government" and "Rest of the world"). Due to a broader definition of counterparts, this indicator is not synonymous with the same term used in the ECB concept of narrow money supply M1.

**Table 3**  
**Settlement media used by banks**  
(EUR billions, average of last reserve maintenance period)

	2005	2006	2007	2008	2009
Transferable balances held at the central bank	9.46	10.31	12.64	11.24	10.57
<i>required reserves</i>	9.45	10.30	12.63	11.23	10.57
<i>free reserves</i>	0.01	0.01	0.01	0.01	0.00
Transferable balances held at other banks <sup>1</sup>	18.34	25.58	44.37	38.01	49.34
<i>Memo:</i>					
Credit extended by the central bank:					
<i>intraday</i>	4.21	7.53	10.63	12.10	4.11
<i>overnight</i> <sup>2</sup>	0	0	0	0	0
<i>longer-term refinancing operations</i> <sup>3</sup>	28.95	39.91	56.31	56.24	41.28

<sup>1</sup> Value of overnight deposit accounts held by Belgian credit institutions at other credit institutions (EUR and foreign currencies, in Belgium and abroad). <sup>2</sup> Marginal lending facility. <sup>3</sup> Other monetary policy operations vis-à-vis the Eurosystem.

**Table 4**  
**Banknotes and coin<sup>1</sup>**

<sup>1</sup> Following the introduction of the euro on 1 January 1999, these figures are provided solely at an aggregated euro area level (see Euro area, Table 4).

**Table 5**  
**Institutions offering payment services to non-banks**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>Central bank</b>					
Number of branches or offices <sup>1</sup>	8	8	8	8	6
Number of accounts (thousands) <sup>2</sup>	2.36	2.11	0.79	0.50	0.30
Value of accounts (EUR billions) <sup>2</sup>	0.36	0.58	0.46	0.28	0.17
<i>Memo:</i>					
Number of accounts, banks (thousands) <sup>2</sup>	0.35	0.36	0.37	0.35	0.32
<b>Banks</b>					
Number of institutions	100	105	110	105	104
Number of branches or offices	4,564	4,574	4,425	4,316	4,201
Number of accounts (thousands) <sup>2</sup>	13,197	13,244	13,994	15,118	15,833
<i>of which: number of internet/PC-linked accounts (thousands)</i>	3,196	4,164	5,193	6,595	8,481
Value of accounts (EUR billions) <sup>2</sup>	108.74	114.23	126.89	126.70	136.56
<b>Credit institutions legally incorporated in the reporting country</b>					
Number of institutions	54	52	52	49	48
Number of branches or offices	4,506	4,515	4,365	4,255	4,161
Value of accounts (EUR billions) <sup>2</sup>	92.48	98.67	106.02	106.89	112.02
<b>Branches of euro area-based credit institutions</b>					
Number of institutions	30	38	41	40	40
Number of branches or offices	46	50	51	53	32
Value of accounts (EUR billions) <sup>2</sup>	7.40	5.37	5.38	5.44	7.64
<b>Branches of EEA-based credit institutions (outside the euro area)</b>					
Number of institutions	7	7	8	7	7
Number of branches or offices	2	2	2	1	2
Value of accounts (EUR billions) <sup>2</sup>	1.49	1.35	1.68	1.63	2.33
<b>Branches of foreign banks</b>					
Number of institutions	9	8	9	9	9
Number of branches or offices	10	7	7	7	6
Value of accounts (EUR billions) <sup>2</sup>	7.36	8.85	13.80	12.74	14.57
<b>Other institutions offering payment services to non-banks: postal institution</b>					
Number of institutions	1	1	1	1	1
Number of branches or offices	1,350	1,300	1,304	1,354	1,401
Number of accounts (thousands) <sup>2</sup>	0.91	0.81	0.75	0.73	0.87
Value of accounts (EUR billions) <sup>2</sup>	0.59	0.60	0.67	0.80	0.81
<b>Institutions offering payment services to non-banks (total)</b>					
Number of institutions	106	107	112	109	106
Number of branches or offices	5,922	5,882	5,737	5,678	5,608
Number of accounts held by non-banks (thousands) <sup>2</sup>	13,200	13,247	13,995	15,120	15,834
<i>of which: number of internet/PC-linked accounts (thousands)</i>	3,196	4,164	5,193	6,595	8,481
Value of accounts held by non-banks (EUR billions) <sup>2</sup>	109.69	115.41	128.02	127.77	137.55
<i>Memo:</i>					
<b>Electronic money institutions</b>					
Number of institutions	nap	nap	nap	2	2
Outstanding value on e-money storages issued by e-money institutions	nap	nap	nap	nav	nav

<sup>1</sup> Head office, branches and agencies (bureaux). <sup>2</sup> Overnight deposits.

**Table 6**  
**Payment card functions and accepting devices**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>Cards issued in the country (thousands)</b>					
Cards with a cash function	15,931	16,605	17,492	18,724	19,258
Cards with a debit function	12,672	13,181	13,722	14,699	14,992
Cards with a delayed debit function	3,259	3,424	3,770	4,025	4,266
Cards with a credit function <sup>1</sup>	nav	nav	nav	nav	nav
Cards with an e-money function	9,617	10,792	10,904	11,440	11,316
<i>of which: cards with an e-money function which have been loaded at least once</i>	2,760	2,974	2,620	2,767	2,539
Total number of cards (irrespective of the number of functions on the card)	15,931	16,605	17,492	18,724	19,258
<i>of which: cards with a combined debit, cash and e-money function</i>	9,617	10,792	10,904	11,440	11,316
<i>Memo:</i>					
Retailer cards	nav	nav	nav	nav	nav
<b>Terminals located in the country</b>					
ATMs <sup>2</sup>	13,543	14,711	15,446	15,471	15,271
<i>ATMs with a cash withdrawal function</i>	7,256	7,280	7,470	7,916	8,149
<i>ATMs with a credit transfer function</i>	8,056	8,580	9,579	9,303	8,902
POS terminals	101,094	115,231	121,867	124,902	135,077
<i>of which: EFTPOS terminals</i>	101,094	115,231	121,867	124,902	135,077
E-money card terminals	275,499	218,449	205,604	202,553	nav
<i>e-money card loading/unloading terminals</i>	181,516	129,541	125,464	125,442	nav
<i>e-money card payment terminals</i>	93,983	88,908	80,140	77,111	nav
<sup>1</sup> All major credit cards are issued as delayed debit cards. <sup>2</sup> Each function is counted separately (to avoid double-counting, categories should not be summed).					

**Table 7**  
**Indicators of the use of payment instruments and terminals by non-banks: volume of transactions**  
 (millions, total for the year)

	2005	2006	2007	2008	2009
<b>Transactions per type of payment instrument</b>					
Credit transfers <sup>1</sup>	816.49	840.51	897.56	929.52	953.26
<i>paper-based</i>	132.68	129.62	113.58	108.85	89.59
<i>non-paper-based</i>	683.81	710.89	783.98	820.67	863.67
Direct debits <sup>1</sup>	218.98	231.32	239.98	247.94	260.27
Card payments with cards issued in the country	738.53	797.38	861.49	934.09	997.40
<i>payments by cards with a debit function<sup>2</sup></i>	659.46	710.36	764.16	828.17	885.20
<i>payments by cards with a delayed debit function</i>	79.07	87.02	97.33	105.92	112.20
<i>payments by cards with a credit function<sup>2</sup></i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
E-money payment transactions	102.02	96.02	89.82	81.17	70.49
<i>by cards with an e-money function</i>	102.02	96.02	89.82	81.17	70.49
<i>through other e-money storages</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
Cheques	15.69	13.40	10.59	8.82	7.94
Other payment instruments	0.36	0.32	0.27	0.22	0.18
Total number of transactions with payment instruments	1,892.07	1,978.95	2,099.71	2,201.76	2,289.54
<i>of which: cross-border transactions sent<sup>3</sup></i>	57.54	63.18	72.91	88.70	95.39
<i>Memo:</i>					
Cross-border transactions received <sup>3</sup>	37.20	39.08	41.74	50.05	49.97
<b>Transactions per type of terminal</b>					
Total transactions at terminals in the country					
Cash transactions	257.30	271.18	317.61	357.56	384.61
<i>ATM cash withdrawals</i>	257.30	271.18	317.61	357.56	384.61
<i>ATM cash deposits</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
POS payment transactions	720.58	775.78	833.65	898.08	955.49
E-money card loading/unloading transactions	16.82	15.74	14.27	12.64	11.07
E-money card payment transactions	102.02	96.02	89.82	81.17	70.49
a) Transactions at terminals in the country by cards issued in the country					
Cash transactions	250.50	263.76	309.03	348.27	375.70
<i>ATM cash withdrawals</i>	250.50	263.76	309.03	348.27	375.70
<i>ATM cash deposits</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
POS payment transactions	693.93	747.38	803.32	865.40	924.09
E-money card loading/unloading transactions	16.82	15.74	14.27	12.64	11.07
E-money card payment transactions	102.02	96.02	89.82	81.17	70.49
b) Transactions at terminals in the country by cards issued outside the country					
Cash transactions	6.80	7.42	8.58	9.29	8.91
<i>ATM cash withdrawals</i>	6.80	7.42	8.58	9.29	8.91
<i>ATM cash deposits</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
POS payment transactions	26.65	28.40	30.33	32.68	31.40
E-money card loading/unloading transactions	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
E-money card payment transactions	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
c) Transactions at terminals outside the country by cards issued in the country					
Cash transactions	9.60	10.87	11.91	13.20	14.16
<i>ATM cash withdrawals</i>	9.60	10.87	11.91	13.20	14.16
<i>ATM cash deposits</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
POS payment transactions	44.60	50.00	58.17	68.68	73.31
E-money card loading/unloading transactions	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
E-money card payment transactions	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>

<sup>1</sup> Includes some book-entry transfers. <sup>2</sup> All major credit cards are issued as delayed debit cards. <sup>3</sup> Revised figures for all years following inclusion of cross-border data on Cards. 2009 data contains provisional elements.



**Table 8**  
**Indicators of the use of payment instruments and terminals by non-banks: value of transactions**  
*(EUR billions, total for the year)*

	2005	2006	2007	2008	2009
<b>Transactions per type of payment instrument</b>					
Credit transfers <sup>1</sup>	3,459.74	3,445.52	4,087.06	4,447.14	4,520.70
<i>paper-based</i>	531.64	620.98	678.51	706.34	574.23
<i>non-paper-based</i>	2,928.10	2,824.54	3,408.54	3,740.80	3,946.47
Direct debits <sup>1</sup>	50.94	53.92	58.29	63.60	63.05
Card payments with cards issued in the country	41.43	44.94	48.76	52.66	54.74
<i>payments by cards with a debit function<sup>2</sup></i>	33.03	35.70	38.52	41.59	43.68
<i>payments by cards with a delayed debit function</i>	8.40	9.24	10.24	11.08	11.06
<i>payments by cards with a credit function<sup>2</sup></i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
E-money payment transactions	0.49	0.44	0.40	0.35	0.31
<i>by cards with an e-money function</i>	0.49	0.44	0.40	0.35	0.31
<i>through other e-money storages</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
Cheques	68.83	59.87	63.17	50.45	43.34
Other payment instruments	3.12	2.91	2.68	2.34	1.75
Total value of transactions with payment instruments	3,624.54	3,607.61	4,260.34	4,616.55	4,683.90
<i>of which: cross-border transactions sent<sup>3</sup></i>	1,301.60	1,031.74	1,119.71	1,373.84	1,306.98
<i>Memo:</i>					
Cross-border transactions received <sup>3</sup>	1,213.80	2,079.69	1,487.07	1,764.63	1,706.79
<b>Transactions per type of terminal</b>					
Total transactions at terminals in the country					
Cash transactions	28.66	30.71	35.32	40.12	44.71
<i>ATM cash withdrawals</i>	28.66	30.71	35.32	40.12	44.71
<i>ATM cash deposits</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
POS payment transactions	40.11	43.26	46.59	49.86	51.50
E-money card loading/unloading transactions	0.50	0.46	0.41	0.36	0.32
E-money card payment transactions	0.49	0.44	0.40	0.35	0.31
a) Transactions at terminals in the country by cards issued in the country					
Cash transactions	27.58	29.57	34.05	38.80	43.45
<i>ATM cash withdrawals</i>	27.58	29.57	34.05	38.80	43.45
<i>ATM cash deposits</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
POS payment transactions	37.29	40.33	43.47	46.52	48.72
E-money card loading/unloading transactions	0.50	0.46	0.41	0.36	0.32
E-money card payment transactions	0.49	0.44	0.40	0.35	0.31
b) Transactions at terminals in the country by cards issued outside the country					
Cash transactions	1.08	1.14	1.27	1.33	1.26
<i>ATM cash withdrawals</i>	1.08	1.14	1.27	1.33	1.26
<i>ATM cash deposits</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
POS payment transactions	2.83	2.93	3.12	3.33	2.79
E-money card loading/unloading transactions	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
E-money card payment transactions	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
c) Transactions at terminals outside the country by cards issued in the country					
Cash transactions	1.30	1.49	1.64	1.79	1.92
<i>ATM cash withdrawals</i>	1.30	1.49	1.64	1.79	1.92
<i>ATM cash deposits</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
POS payment transactions	4.14	4.60	5.29	6.14	6.02
E-money card loading/unloading transactions	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
E-money card payment transactions	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>

<sup>1</sup> Includes some book-entry transfers. <sup>2</sup> All major credit cards are issued as delayed debit cards. <sup>3</sup> Revised figures for all years following inclusion of cross-border data on Cards. 2009 data contains provisional elements.

**Table 9**  
**Participation in selected interbank funds transfer systems**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>Large-value payment systems</b>					
<b>TARGET2-BE</b>					
Number of participants	85	85	88	51	50
Direct participants	15	16	16	9	10
Banks	13	14	14	8	9
Central bank	1	1	1	1	1
Other direct participants	1	1	1	0	0
<i>Postal institution</i>	1	1	1	<i>nap</i>	<i>nap</i>
Indirect participants	70	69	72	42	40
<b>Retail payment systems</b>					
<b>Clearing house</b>					
Number of participants	82	81	79	73	73
Direct participants	25	25	24	24	24
Banks	23	23	22	22	22
Central bank	1	1	1	1	1
Other direct participants	1	1	1	1	1
<i>Postal institution</i>	1	1	1	1	1
Indirect participants	57	56	55	49	49
<b>CEC</b>					
Number of participants	83	83	81	76	76
Direct participants	22	21	21	20	20
Banks	19	18	18	17	17
Central bank	1	1	1	1	1
Other direct participants	2	2	2	2	2
<i>Postal institution</i>	1	1	1	1	1
<i>Other</i>	1	1	1	1	1
Indirect participants	61	62	60	56	56

<sup>1</sup> Manual Clearing House was closed down on 21 September 2009.

Table 10

**Payments processed by selected interbank funds transfer systems: volume of transactions<sup>1</sup>**  
 (millions, total for the year)

	2005	2006	2007	2008	2009
<b>Large-value payment systems</b>					
<b>TARGET2-BE</b>					
Credit transfers sent	1.77	1.74	2.04	2.75	2.00
<i>credit transfers sent within ELLIPS</i>	0.83	0.82	0.90	0.74	0.61
<i>credit transfers sent to another TARGET component</i>	0.94	0.92	1.14	2.00	1.52
<i>Memo:</i>					
Credit transfers received from another TARGET component	1.04	1.15	1.28	1.82	1.90
Concentration ratio in terms of volume (%) <sup>2</sup>	84.0	84.0	84.0	90.0	92.8
<b>Retail payment systems</b>					
<b>Clearing house<sup>3</sup></b>					
Credit transfers sent	0.57	0.50	0.47	0.43	0.24
<i>credit transfers</i>	0.01	0.02	0.02	0.01	0.02
<i>cheques</i>	0.56	0.49	0.45	0.42	0.22
<i>other payment instruments<sup>4</sup></i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
Concentration ratio in terms of volume (%) <sup>2</sup>	85.0	85.3	84.1	83.9	82.1
<b>CEC</b>					
Total transactions sent	952.17	966.48	1,011.75	1,063.40	1,122.91
<i>credit transfers</i>	484.60	502.27	523.40	537.79	550.58
<i>direct debits</i>	111.47	113.91	115.12	118.20	123.37
<i>card payments</i>	101.65	82.10	81.99	90.04	103.62
<i>ATM transactions</i>	24.59	22.99	22.55	23.93	27.11
<i>e-money transactions</i>	1.71	1.32	1.05	0.96	0.91
<i>cheques</i>	13.98	12.86	11.91	11.10	10.18
<i>other payment instruments<sup>4</sup></i>	214.17	231.03	255.72	281.39	307.15
Concentration ratio in terms of volume (%) <sup>2</sup>	82.0	81.8	81.7	81.8	81.4

<sup>1</sup> The table contains both customer and interbank transactions. <sup>2</sup> Market share of the five largest participants in each payment system. <sup>3</sup> Manual Clearing House was closed down on 21 September 2009. <sup>4</sup> Bills of exchange.

Table 11

**Payments processed by selected interbank funds transfer systems: value of transactions<sup>1</sup>**  
 (EUR billions, total for the year)

	2005	2006	2007	2008	2009
<b>Large-value payment systems</b>					
<b>TARGET2-BE</b>					
Credit transfers sent	17,268.15	19,429.49	26,638.51	27,122.96	20,835.17
<i>credit transfers sent within ELLIPS</i>	3,684.90	3,490.78	4,952.95	4,189.69	3,074.82
<i>credit transfers sent to another TARGET component</i>	13,583.25	15,938.71	21,685.56	22,933.27	17,760.35
<i>Memo:</i>					
Credit transfers received from another TARGET component	13,577.66	15,929.02	21,653.31	23,307.80	17,977.77
Concentration ratio in terms of value (%) <sup>2</sup>	90.0	90.0	91.0	93.3	89.4
<b>Retail payment systems</b>					
<b>Clearing house<sup>3</sup></b>					
Credit transfers sent	48.58	49.10	49.12	44.16	21.57
<i>credit transfers</i>	0.06	0.01	0.02	0.02	0.01
<i>cheques</i>	48.52	49.09	49.10	44.15	21.56
<i>other payment instruments<sup>4</sup></i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
Concentration ratio in terms of value (%) <sup>2</sup>	90.5	90.3	88.5	88.0	86.1
<b>CEC</b>					
Total transactions sent	632.49	669.01	746.79	803.01	804.85
<i>credit transfers</i>	465.97	489.81	525.68	560.44	548.57
<i>direct debits</i>	20.60	22.10	23.73	26.11	26.12
<i>card payments</i>	53.49	58.58	77.97	86.24	88.73
<i>ATM transactions</i>	2.74	4.05	5.94	8.49	11.06
<i>e-money transactions</i>	0.55	0.49	0.44	0.39	0.35
<i>cheques</i>	25.62	24.48	23.00	21.25	25.94
<i>other payment instruments<sup>4</sup></i>	63.52	69.50	90.02	100.11	104.08
Concentration ratio in terms of value (%) <sup>2</sup>	81.5	82.0	82.4	82.6	82.2

<sup>1</sup> The table contains both customer and interbank transactions. <sup>2</sup> Market share of the five largest participants in each payment system. <sup>3</sup> Manual Clearing House was closed down on 21 September 2009. <sup>4</sup> Bills of exchange.

**Table 12**  
**Participation in SWIFT by domestic institutions**  
*(end of year)*

	2005	2006	2007	2008	2009
Members	21	22	21	20	21
<i>of which: live</i>	21	22	21	20	21
Sub-members	45	43	46	45	46
<i>of which: live</i>	44	42	43	44	46
Participants	20	24	31	40	40
<i>of which: live</i>	19	23	28	36	39
Total users	86	89	98	105	107
<i>of which: live</i>	84	87	92	100	106
<i>Memo:</i>					
Total SWIFT users	7,888	8,105	8,332	8,830	9,281
<i>members</i>	2,231	2,288	2,276	2,276	2,356
<i>sub-members</i>	3,077	3,120	3,212	3,305	3,306
<i>participants</i>	2,580	2,697	2,844	3,249	3,619

Source: SWIFT.

**Table 13**  
**SWIFT message flows to/from domestic users**  
*(thousands, total for the year)*

	2005	2006	2007	2008	2009
Total messages sent	148,461	184,078	228,121	266,934	258,787
<i>of which:</i>					
<i>category I</i>	14,316	15,301	17,474	16,798	15,828
<i>category II</i>	6,258	6,580	7,567	7,467	6,209
Total messages received	93,111	109,960	138,764	162,755	157,961
<i>of which:</i>					
<i>category I</i>	14,576	15,964	18,622	17,517	16,277
<i>category II</i>	6,632	7,024	7,972	7,767	6,702
Domestic traffic	20,556	22,002	27,635	29,980	23,052
<i>Memo:</i>					
Global SWIFT traffic	2,518,285	2,864,537	3,501,163	3,854,576	3,760,314

Source: SWIFT.

**Table 14**  
**Number of participants in exchanges and trading systems**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>Regulated off-exchange market</b>					
Total number of participants	175	198	200	201	190
<i>central bank</i>	<i>nav</i>	1	1	1	1
<i>banks</i>	<i>nav</i>	123	124	122	117
<i>other</i>	<i>nav</i>	74	75	78	72
Number of domestic participants					
<i>central bank</i>	<i>nav</i>	1	1	1	1
<i>banks</i>	<i>nav</i>	105	105	102	99
<i>other</i>	<i>nav</i>	69	70	73	67
Number of foreign participants					
<i>banks</i>	<i>nav</i>	23	24	25	23
<i>other</i>	<i>nav</i>	5	5	5	5

**Table 15**  
**Number of listed securities**  
*(thousands, end of year)*

	2005	2006	2007	2008	2009
<b>Regulated off-exchange market</b>					
Total number of listed securities	<i>nav</i>	0.097	0.100	0.104	0.104
debt securities	<i>nav</i>	0.097	0.100	0.104	0.104
<i>short-term paper</i>	<i>nav</i>	0.081	0.079	0.080	0.080
<i>bonds</i>	<i>nav</i>	0.016	0.021	0.024	0.024

**Table 16**  
**Market capitalisation of listed companies**

	2005	2006	2007	2008	2009
<b>Regulated off-exchange market</b>					
Total market capitalisation/equity	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>

**Table 17****Number of executed trades***(thousands, total for the year)*

	2005	2006	2007	2008	2009
<b>Regulated off-exchange market</b>					
Total number of executed securities trades <sup>1</sup>	nav	76	77	80	87
debt securities	nav	76	77	80	87
<i>short-term paper</i>	nav	19	20	63	71
<i>bonds</i>	nav	57	57	16	16
Total number of executed derivatives trades	nap	nap	nap	nap	nap

<sup>1</sup> The total number of executed securities trades handled by the regulated off-exchange market (in linear bonds, strips and treasury certificates) include trades on MTS Belgium and Euro MTS.

**Table 18****Value of executed trades***(EUR billions, total for the year)*

	2005	2006	2007	2008	2009
<b>Regulated off-exchange market</b>					
Total value of executed securities trades <sup>1</sup>	nav	591.86	666.19	596.22	654.15
debt securities	nav	591.86	666.19	596.22	654.15
<i>short-term paper</i>	nav	211.13	247.41	370.20	375.19
<i>bonds</i>	nav	380.73	418.77	226.03	278.96
Total value of executed derivatives trades	nav	nap	nap	nap	nap

<sup>1</sup> The total number of executed securities trades handled by the regulated off-exchange market (in linear bonds, strips and Treasury certificates) include trades on MTS Belgium and Euro MTS.

**Table 19**  
**Number of clearing members**

	2005	2006	2007	2008	2009
<b>LCH.Clearnet SA</b>					
Total number of clearing members <sup>1</sup>	nav	nav	nav	nav	nav

<sup>1</sup> See France, Table 19.



**Table 20****Number of contracts and transactions cleared***(thousands, total for the year)*

	2005	2006	2007	2008	2009
<b>LCH.Clearnet SA</b>					
Total number of contracts and transactions cleared	nav	15,350.0	24,275.0	29,577.0	30,633.0
Number of securities transactions cleared	nav	12,766.0	21,581.0	27,156.0	27,958.0
debt securities	nav	nav	nav	0.518	3.000
<i>short-term paper</i>	nav	nav	nav	0.002	0
<i>bonds</i>	nav	nav	nav	0.516	3.000
equity	nav	12,766.0	21,581.0	27,155.48	27,955.0
<i>of which: number of repurchase transactions</i>					
cleared	nav	0.0	0.0	1.000	3.000
debt securities <sup>1</sup>	nav	0.0	0.0	1.000	3.000
<i>short-term paper</i>	nav	0.0	0.0	0.002	0
<i>bonds</i>	nav	0.0	0.0	0.516	3.000
Number of exchange-traded derivatives contracts cleared	nav	2,584.0	2,694.0	2,421.0	2,675.0
<i>financial futures</i>	nav	1,307.0	1,192.0	1,230.0	593.0
<i>financial options</i>	nav	1,277.0	1,502.0	1,191.0	2,082.0
Number of OTC derivatives contracts cleared	nav	nap	nap	nap	nap

<sup>1</sup> Negligible figures in 2006 and 2007.**Table 21****Value of contracts and transactions cleared***(EUR billions, total for the year)*

	2005	2006	2007	2008	2009
<b>LCH.Clearnet SA</b>					
Total value of contracts and transactions cleared	nav	261.02	375.66	373.19	671.26
Value of securities transactions cleared	nav	210.07	322.84	330.37	654.54
debt securities	nav	nav	nav	57.65	481.40
<i>short-term paper</i>	nav	nav	nav	0.05	8.02
<i>bonds</i>	nav	nav	nav	57.61	473.39
equity	nav	210.06	320.66	272.72	173.14
<i>of which: value of repurchase transactions</i>					
cleared	nav	0.01	2.18	57.66	481.40
debt securities	nav	0.01	2.18	57.66	481.40
<i>short-term paper</i>	nav	nav	nav	0.05	8.02
<i>bonds</i>	nav	nav	nav	57.61	473.39
Value of exchange-traded derivatives contracts cleared	nav	50.94	52.82	42.82	16.72
<i>financial futures</i>	nav	50.71	52.50	37.88	12.03
<i>financial options</i>	nav	0.23	0.31	4.95	4.69
Value of OTC derivatives contracts cleared	nav	nap	nap	nap	nap

**Table 22**  
**Number of direct participants in CSDs**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>NBB SSS</b>					
Total number of participants	94	91	90	86	86
<i>central bank</i>	2	2	2	2	2
<i>central counterparties (CCPs)</i>	3	3	3	3	3
<i>central securities depositories</i>	3	3	3	3	3
<i>banks</i>	74	72	71	66	66
<i>other</i>	12	11	11	12	12
Number of domestic participants	72	68	68	62	54
<i>central bank</i>	1	1	1	1	1
<i>central counterparties (CCPs)</i>	2	2	2	2	2
<i>central securities depositories</i>	1	1	1	1	1
<i>banks</i>	56	53	53	47	39
<i>other</i>	12	11	11	11	11
Number of foreign participants	22	23	22	24	32
<i>central bank</i>	1	1	1	1	1
<i>central counterparties (CCPs)</i>	1	1	1	1	1
<i>central securities depositories</i>	2	2	2	2	2
<i>banks</i>	18	19	18	19	27
<b>Euroclear Belgium</b>					
Total number of participants	81	77	77	77	77
<i>central bank</i>	1	1	1	1	1
<i>central counterparties (CCPs)</i>	1	1	1	1	1
<i>central securities depositories</i>	5	5	5	5	0
<i>banks</i>	51	47	49	47	29
<i>other</i>	23	23	21	23	46
Number of domestic participants	63	60	61	61	20
<i>central bank</i>	1	1	1	1	1
<i>central counterparties (CCPs)</i>	1	1	1	1	0
<i>central securities depositories</i>	1	1	1	1	0
<i>banks</i>	39	36	39	37	3
<i>other</i>	21	21	19	21	16
Number of foreign participants	18	17	16	16	57
<i>central securities depositories</i>	4	4	4	4	0
<i>banks</i>	12	11	10	10	26
<i>other</i>	2	2	2	2	30

Table 22 (cont)

	2005	2006	2007	2008	2009
<b>Euroclear Bank</b>					
Total number of participants	1,497	1,409	1,381	1,346	1,324
<i>central bank</i>	87	88	92	89	90
<i>central counterparties (CCPs)</i>	3	3	3	4	4
<i>central securities depositories</i>	17	18	18	18	16
<i>banks</i>	353	354	407	312	308
<i>other</i>	1,037	946	861	923	906
Number of domestic participants	35	32	31	30	31
<i>central bank</i>	1	1	1	1	1
<i>central securities depositories</i>	1	1	2	2	2
<i>banks</i>	13	12	12	10	11
<i>other</i>	20	18	16	17	17
Number of foreign participants	1,462	1,377	1,350	1,316	1,293
<i>central bank</i>	86	87	91	88	89
<i>central counterparties (CCPs)</i>	3	3	3	4	4
<i>central securities depositories</i>	16	17	16	16	14
<i>banks</i>	340	342	395	302	297
<i>other</i>	1,017	928	845	906	889

**Table 23****Number of securities held on accounts at CSDs***(thousands, end of year)*

	2005	2006	2007	2008	2009
<b>NBB SSS</b>					
Total number of securities held	nav	1.658	1.695	1.871	1.483
debt securities	nav	1.658	1.695	1.871	1.483
<i>short-term paper</i>	nav	0.998	0.980	1.179	0.771
<i>bonds</i>	nav	0.660	0.715	0.692	0.712
<b>Euroclear Belgium</b>					
Total number of securities held	nav	3.844	nav	nav	nav
debt securities	nav	0.270	nav	nav	nav
<i>bonds</i>	nav	0.270	nav	nav	nav
equity	nav	3.197	nav	nav	nav
other	nav	0.377	nav	nav	nav
<b>Euroclear Bank<sup>1</sup></b>					
Total number of securities held	171.358	215.165	249.646	208.322	198.909
debt securities	nav	163.945	199.525	158.624	151.150
<i>short-term paper</i>	nav	19.649	33.287	15.047	15.552
<i>bonds</i>	nav	144.296	166.238	143.577	135.598
equity	nav	19.285	20.211	18.014	18.491
other	nav	31.935	29.910	31.684	29.268

<sup>1</sup> The number of securities held on accounts at Euroclear Bank represent the number of eligible securities with holding at 31 July 2007.

**Table 24****Value of securities held on accounts at CSDs***(EUR billions, end of year)*

	2005	2006	2007	2008	2009
<b>NBB SSS</b>					
Total value of securities held	292.81	301.49	335.36	399.14	462.05
debt securities	292.81	301.49	335.36	399.14	462.05
<i>short-term paper</i>	48.24	47.46	36.86	59.92	66.41
<i>bonds</i>	244.57	254.02	298.50	339.22	395.64
<b>Euroclear Belgium</b>					
Total value of securities held	238.67	275.97	220.57	135.73	141.36
debt securities	0.82	0.77	0.76	0.35	0.27
<i>bonds</i>	0.82	0.77	0.76	0.35	0.27
equity	200.98	137.26	130.89	87.36	119.22
other	36.88	137.95	88.92	48.02	21.87
<b>Euroclear Bank</b>					
Total value of securities held	7,064.93	8,031.73	9,114.93	8,841.37	9,610.90
debt securities	6,597.65	7,418.10	8,097.09	8,457.88	9,061.20
<i>short-term paper</i>	nav	nav	635.05	557.83	594.07
<i>bonds<sup>1</sup></i>	6,597.65	7,418.10	7,462.04	7,900.05	8,467.13
equity	211.40	317.49	531.94	167.37	360.59
other	255.89	296.14	485.91	216.12	189.10

<sup>1</sup> The split of debt securities between bonds and short-term paper will be available as from next reporting year. The figures reported for bonds include short-term paper.

**Table 25**  
**Number of delivery instructions processed**  
*(thousands, total for the year)*

	2005	2006	2007	2008	2009
<b>NBB SSS</b>					
Total number of delivery instructions	266	280	302	328	337
DVP	165	175	188	176	179
debt securities	165	175	188	176	179
<i>short-term paper</i>	28	29	26	21	29
<i>bonds</i>	137	146	162	155	150
free of payment	101	105	114	152	158
debt securities	101	105	114	152	158
<i>short-term paper</i>	38	39	37	33	24
<i>bonds</i>	63	66	77	119	134
<b>Euroclear Belgium<sup>1</sup></b>					
Total number of delivery instructions	1,035	1,203	1,352	1,261	1,801
DVP	nav	866	979	970	1,721
debt securities	nav	2	2	1	14
<i>bonds</i>	nav	2	2	1	14
equity	nav	744	887	907	1,670
other	nav	120	90	62	37
free of payment	nav	337	373	291	80
debt securities	nav	23	35	6	2
<i>bonds</i>	nav	23	35	6	2
equity	nav	174	222	248	73
other	nav	140	116	37	5
<b>Euroclear Bank</b>					
Total number of delivery instructions	26,964	33,949	40,665	36,994	38,376
DVP	22,146	28,474	34,138	30,024	31,027
debt securities	19,908	24,935	28,996	23,908	25,165
<i>short-term paper</i>	nav	nav	760	727	691
<i>bonds</i>	19,908	24,935	28,237	23,181	24,475
equity	1,915	3,075	4,479	5,540	5,510
other	323	464	662	576	351
free of payment	4,818	5,475	6,527	6,969	7,349
debt securities	3,917	4,206	4,926	5,235	5,756
<i>short-term paper</i>	nav	nav	219	219	237
<i>bonds</i>	3,917	4,206	4,707	5,016	5,519
equity	753	1,051	1,341	1,478	1,439
other	148	218	260	257	154

<sup>1</sup> For 2006 and 2007, all instructions to move securities between accounts for CDMS, EMSS & FMS systems are included. For 2005, only EMSS and FMS figures were reported for the total number of delivery instructions.

**Table 26**  
**Value of delivery instructions processed**  
*(EUR billions, total for the year)*

	2005	2006	2007	2008	2009
<b>NBB SSS</b>					
Total value of delivery instructions	5,145.1	5,992.6	6,592.1	8,299.9	7,408.1
DVP	3,472.7	4,138.5	4,424.3	4,555.2	4,104.9
debt securities	3,472.7	4,138.5	4,424.3	4,555.2	4,104.9
<i>short-term paper</i>	731.3	879.3	659.9	603.1	707.7
<i>bonds</i>	2,741.4	3,259.2	3,764.4	3,952.1	3,397.2
free of payment	1,672.4	1,854.1	2,167.8	3,744.7	3,303.2
debt securities	1,672.4	1,854.1	2,167.8	3,744.7	3,303.2
<i>short-term paper</i>	445.2	621.7	501.6	710.6	940.9
<i>bonds</i>	1,227.2	1,232.3	1,666.2	3,034.1	2,362.2
<b>Euroclear Belgium<sup>1</sup></b>					
Total value of delivery instructions	161.7	435.1	902.2	310.0	398.6
DVP	nav	nav	nav	nav	nav
free of payment	nav	nav	nav	nav	nav
<b>Euroclear Bank</b>					
Total value of delivery instructions	154,404.3	218,551.1	285,465.0	248,791.1	215,687.2
DVP	131,494.9	191,035.1	245,063.5	204,637.2	180,471.2
debt securities	130,344.5	188,902.6	242,034.5	202,198.9	178,463.4
<i>short-term paper</i>	nav	nav	15,123.9	15,959.9	18,658.1
<i>bonds</i>	130,344.5	188,902.6	226,910.5	186,238.9	159,805.3
equity	705.4	1,427.3	2,387.0	1,962.6	1,743.0
other	445.1	705.2	642.1	475.7	264.8
free of payment	22,909.4	27,516.0	40,401.5	44,153.9	35,216.0
debt securities	21,726.5	25,158.8	36,952.1	41,266.5	32,954.1
<i>short-term paper</i>	nav	nav	5,125.5	5,026.9	4,366.2
<i>bonds</i>	21,726.5	25,158.8	31,826.6	36,239.5	28,587.9
equity	715.7	1,684.8	2,781.4	2,009.5	1,481.6
other	467.2	672.5	668.0	877.9	780.3

<sup>1</sup> For 2006 and 2007, all instructions to move securities between accounts for CDMS, EMSS & FMS systems are included. For 2005, only EMSS figures were reported for value of delivery instructions.

**Table 1**  
**Basic statistical data**

	2005	2006	2007	2008	2009
Population (thousands)	183,383	185,564	187,642	189,613	191,481
GDP (BRL billions)	2,147.24	2,369.48	2,661.34	3,004.88	3,143.02
GDP per capita (BRL)	11,709	12,769	14,183	15,847	16,414
Consumer price inflation (%)	5.7	3.1	4.5	5.9	4.3
Exchange rate (BRL/USD):					
<i>end of year</i>	2.3407	2.1380	1.7713	2.3370	1.7412
<i>average</i>	2.4341	2.1771	1.9483	1.8375	1.9935

**Table 2**  
**Settlement media used by non-banks**  
(BRL billions, end of year)

	2005	2006	2007	2008	2009
Notes and coin in circulation outside banks	58.27	68.92	82.25	92.38	105.80
Value of transferable deposits <sup>1</sup>	86.51	105.42	149.18	131.06	144.43
Other	0	0	0	0	0
Narrow money supply (M1)	144.78	174.35	231.43	223.44	250.23
<i>Memo:</i>					
Transferable deposits in foreign currencies	nav	nav	nav	nav	nav
Outstanding value on e-money storages	nav	nav	nav	nav	nav
<i>on card-based products</i>	nav	nav	nav	nav	nav
<i>on software- or network-based products</i>	nav	nav	nav	nav	nav

<sup>1</sup> Sight deposits only.

**Table 3****Settlement media used by banks***(BRL billions, average of last reserve maintenance period except as noted)*

	2005	2006	2007	2008	2009
Transferable balances held at the central bank <sup>1</sup>	31.09	36.76	50.08	36.12	41.53
<i>required reserves</i>	31.09	36.76	50.08	36.12	41.53
<i>free reserves</i> <sup>2</sup>	0.00	0.00	0.00	0.00	0.00
Transferable balances held at other banks <sup>3</sup>	nap	nap	nap	nap	nap
<i>Memo:</i>					
Credit extended by the central bank: <sup>4</sup>					
<i>intraday</i>	56.53	49.29	57.09	29.89	38.68
<i>overnight</i>	25.97	0.50	6.08	0	0
<i>longer refinancing operations (repos)</i>	0	0	0	0	0

<sup>1</sup> Not including balance of settlement accounts held by credit unions (BRL 3.0 million in 2009). <sup>2</sup> Data are negligible. <sup>3</sup> In Brazil, banks taking sight deposits from the public at large are not allowed to hold this kind of deposit in another bank. <sup>4</sup> Last business day of the year. Where this value is negative, a zero position is informed. (in the last years the Central Bank of Brazil has carried out open market transactions mainly with a view to draining liquidity from the market so as to mitigate the effects of its foreign exchange purchase transactions).

**Table 4****Banknotes and coin***(BRL billions, end of year)*

	2005	2006	2007	2008	2009
Total banknotes and coin issued	70.03	85.82	102.89	115.59	131.86
Total banknotes issued	68.43	83.88	100.53	112.72	128.48
<i>BRL 100</i>	2.05	2.75	9.76	19.64	29.23
<i>BRL 50</i>	50.03	61.16	68.61	71.26	76.13
<i>BRL 20</i>	5.37	7.99	10.60	11.13	12.48
<i>BRL 10</i>	8.29	9.01	8.34	7.21	6.96
<i>BRL 5</i>	1.40	1.60	1.75	1.95	2.07
<i>BRL 2</i>	0.71	0.94	1.19	1.34	1.44
<i>BRL 1</i>	0.58	0.43	0.28	0.19	0.16
Total coin issued	1.60	1.94	2.36	2.87	3.38
<i>of which:</i>					
<i>BRL 1</i>	0.46	0.65	0.92	1.28	1.58
<i>BRL 0.50</i>	0.45	0.51	0.58	0.65	0.77
<i>BRL 0.25</i>	0.26	0.30	0.33	0.37	0.42
<i>BRL 0.10</i>	0.27	0.30	0.33	0.37	0.40
<i>BRL 0.05</i>	0.13	0.14	0.15	0.16	0.18
<i>BRL 0.01</i>	0.03	0.03	0.03	0.03	0.03
<i>Commemorative coin</i>	0.001	0.001	0.001	0.001	0.001
Banknotes and coin held by banks	11.76	16.90	20.63	23.21	26.06
Banknotes and coin in circulation outside banks	58.27	68.92	82.25	92.38	105.80



**Table 5**  
**Institutions offering payment services to non-banks**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>Central bank</b>					
Number of branches or offices	9	9	9	9	9
Number of accounts (thousands)	0.008	0.008	0.008	0.007	0.007
Value of accounts (BRL millions)	0.0	0.0	0.0	0.0	3.0
<i>Memo:</i>					
Number of accounts, banks (thousands)	0.135	0.136	0.129	0.134	0.131
<b>Banks<sup>1</sup></b>					
Number of institutions	135	133	125	127	123
Number of branches or offices <sup>2</sup>	27,612	28,307	29,127	30,803	32,177
Number of accounts (thousands) <sup>3</sup>	95,147.4	102,644.1	112,129.7	125,666.8	133,628.2
<i>of which: number of internet/PC-linked accounts (thousands)<sup>4</sup></i>	26,000.0	27,000.0	30,000.0	33,000.0	35,000.0
Value of accounts (BRL billions) <sup>3</sup>	86.5	105.4	149.2	131.1	144.4
<b>Government-owned banks</b>					
Number of institutions	14	13	13	12	10
Number of branches or offices	nav	nav	12,171	11,959	12,169
Value of accounts (BRL billions) <sup>5</sup>	39.1	46.2	61.1	62.0	69.6
<b>Domestic private banks</b>					
Number of institutions	113	112	105	109	107
Number of branches or offices	nav	nav	16,947	18,836	20,000
Value of accounts (BRL billions) <sup>5</sup>	47.4	59.3	88.0	69.1	74.9
<b>Branches of foreign banks</b>					
Number of institutions	8	8	7	6	6
Number of branches or offices	nav	nav	9	8	8
Value of accounts (BRL billions)	nav	nav	nav	nav	nav
<b>Other institutions offering payment services to non-banks<sup>6</sup></b>					
Number of institutions	60,962	74,497	97,290	109,513	121,693
Number of branches or offices	60,962	74,497	97,290	109,513	121,693
Number of accounts (thousands)	nav	nav	nav	nav	nav
Value of accounts (BRL billions)	2.1	2.7	3.8	4.0	4.8
<b>Institutions offering payment services to non-banks (total)<sup>7</sup></b>					
Number of institutions	61,097	74,630	97,415	109,640	121,816
Number of branches or offices	88,574	102,804	126,417	140,316	153,870
Number of accounts held by non-banks (thousands) <sup>8</sup>	95,147.4	102,644.1	112,129.7	125,666.8	133,628.2
<i>of which: number of internet/PC-linked accounts (thousands)</i>	26,000.0	27,000.0	30,000.0	33,000.0	35,000.0
Value of accounts held by non-banks (BRL billions)	88.6	108.1	153.0	135.0	149.2
<i>Memo:</i>					
<b>Electronic money institutions</b>					
Number of institutions	nav	nav	nav	nav	nav
Outstanding value on e-money storages issued by e-money institutions (BRL billions)	nav	nav	nav	nav	nav

<sup>1</sup> Banks taking sight deposits (commercial banks and universal banks having a commercial portfolio) only. <sup>2</sup> Includes both traditional and special branches. The latter are mainly restricted access branches (branches located in the premises of a private or public entity and providing services to this entity and its employees only). <sup>3</sup> Sight deposit accounts only. <sup>4</sup> Round numbers. Source: Banks' Brazilian Federation - Febraban. <sup>5</sup> Estimated value. <sup>6</sup> Includes credit unions and bank correspondents (non-financial entities acting as banks' agents, such as lottery houses, drugstores, supermarkets, postal offices etc), respectively 1,394 and 120,299 at the end of 2009. <sup>7</sup> Excludes the central bank. <sup>8</sup> Does not include accounts held by non-banks in credit unions.

**Table 6**  
**Payment card functions and accepting devices**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>Cards issued in the country (thousands)</b>					
Cards with a cash function <sup>1</sup>	175,400	186,700	195,200	222,500	237,167
Cards with a debit function	163,919	174,493	182,396	207,937	221,474
Cards with a credit function <sup>2</sup>	67,543	85,230	117,723	137,793	152,290
Cards with an e-money function	1,365	285	307	473	704
<i>of which: cards with an e-money function which have been loaded at least once</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Total number of cards (irrespective of the number of functions on the card)	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>of which: cards with a combined debit, cash and e-money function</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>Memo:</i>					
Retailer cards <sup>3</sup>	97,496	118,268	146,701	172,793	196,467
<b>Terminals located in the country</b>					
ATMs	146,795	147,535	153,162	158,414	165,567
<i>ATMs with a cash withdrawal function</i>	<i>117,586</i>	<i>115,646</i>	<i>122,079</i>	<i>129,321</i>	<i>138,909</i>
<i>ATMs with a credit transfer function</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
POS terminals	1,676,803	2,491,650	3,269,407	4,233,020	4,712,596
<i>EFTPOS terminals</i>	<i>1,388,169</i>	<i>1,944,854</i>	<i>2,469,259</i>	<i>3,176,900</i>	<i>3,407,676</i>
E-money card terminals	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>e-money card loading/unloading terminals</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>e-money card payment terminals</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>

<sup>1</sup> Estimated quantities, except for 2009. <sup>2</sup> Includes delayed debit cards issued by American Express. <sup>3</sup> Source: Brazilian Payment Card Industry Association - ABECS.

**Table 7**  
**Indicators of the use of payment instruments and terminals by non-banks: volume of transactions**  
*(millions, total for the year)*

	2005	2006	2007	2008	2009
<b>Transactions per type of payment instrument</b>					
Credit transfers <sup>1</sup>	4,800.0	5,300.0	5,954.1	6,651.6	7,157.9
<i>paper-based</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
<i>non-paper-based</i>	4,800.0	5,300.0	5,954.1	6,651.6	7,157.9
Direct debits	nav	nav	nav	nav	4,264.7
Card payments with cards issued in the country	2,659.3	3,265.2	3,891.6	4,658.1	5,126.2
<i>payments by cards with a debit function</i>	1,140.8	1,427.9	1,700.4	2,097.7	2,310.4
<i>payments by cards with a credit function</i> <sup>2</sup>	1,518.5	1,837.3	2,191.2	2,560.3	2,815.8
E-money payment transactions	11.1	1.5	1.7	2.5	2.4
<i>by cards with an e-money function</i>	11.1	1.5	1.7	2.5	2.4
<i>through other e-money storages</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Cheques	2,526.8	2,210.3	1,999.0	1,963.2	1,802.7
Total number of transactions with payment instruments					
	9,997.2	10,777.0	11,846.4	13,275.3	18,353.9
of which: cross-border transactions sent <sup>3</sup>	17.5	23.6	31.2	41.1	40.1
<i>Memo:</i>					
Cross-border transactions received	0.6	0.6	0.6	0.6	0.4
<b>Transactions per type of terminal</b>					
Total transactions at terminals in the country					
Cash transactions <sup>4</sup>	3,089.2	3,427.9	3,647.5	3,880.8	4,032.1
<i>ATM cash withdrawals</i>	2,145.9	2,116.5	2,405.6	2,603.3	2,747.6
<i>ATM cash deposits</i>	600.1	779.6	770.0	790.2	767.9
POS payment transactions <sup>5</sup>	2,641.9	3,241.7	3,860.5	4,617.1	5,086.3
E-money card loading/unloading transactions	nav	nav	nav	nav	nav
E-money card payment transactions	nav	nav	nav	nav	nav
a) Transactions at terminals in the country by cards issued in the country					
Cash transactions <sup>4</sup>	3,089.2	3,427.9	3,647.5	3,880.8	4,032.1
<i>ATM cash withdrawals</i>	2,145.9	2,116.5	2,405.6	2,603.3	2,747.6
<i>ATM cash deposits</i>	600.1	779.6	770.0	790.2	767.9
POS payment transactions <sup>5</sup>	2,641.9	3,241.7	3,860.5	4,617.1	5,086.3
E-money card loading/unloading transactions	nav	nav	nav	nav	nav
E-money card payment transactions	nav	nav	nav	nav	nav
b) Transactions at terminals in the country by cards issued outside the country					
Cash transactions <sup>6</sup>	nav	nav	nav	nav	nav
POS payment transactions	nav	nav	nav	nav	nav
E-money card loading/unloading transactions	nav	nav	nav	nav	nav
E-money card payment transactions	nav	nav	nav	nav	nav
c) Transactions at terminals outside the country by cards issued in the country					
Cash transactions	nav	nav	nav	nav	nav
POS payment transactions	17.4	23.5	31.1	41.0	39.9
E-money card loading/unloading transactions	nav	nav	nav	nav	nav
E-money card payment transactions	nav	nav	nav	nav	nav

<sup>1</sup> For 2005 and 2006, estimated quantities. <sup>2</sup> Includes payments made with delayed debit cards issued by American Express.

<sup>3</sup> Includes both card payments outside the country and remittances. <sup>4</sup> Also includes ATM credit transfers. <sup>5</sup> Payments through cards issued outside the country are not included. <sup>6</sup> All card transactions outside the country are included in POS payment

**Table 8**  
**Indicators of the use of payment instruments and terminals by non-banks: value of transactions**  
*(BRL billions, total for the year)*

	2005	2006	2007	2008	2009
<b>Transactions per type of payment instrument</b>					
Credit transfers <sup>1</sup>	9,000.6	11,500.7	14,216.4	18,162.6	18,560.0
<i>paper-based</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
<i>non-paper-based</i>	9,000.6	11,500.7	14,216.4	18,162.6	18,560.0
Direct debits	nav	nav	nav	nav	5,081.5
Card payments with cards issued in the country	174.5	219.1	272.7	333.5	386.2
<i>payments by cards with a debit function</i>	52.9	66.9	83.2	105.4	121.7
<i>payments by cards with a credit function</i> <sup>2</sup>	121.6	152.2	189.5	228.2	264.5
E-money payment transactions	0.47	0.26	0.32	0.54	1.00
<i>by cards with an e-money function</i>	0.47	0.26	0.32	0.54	1.00
<i>through other e-money storages</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Cheques	2,213.1	2,080.6	2,191.8	2,553.7	2,502.4
Total value of transactions with payment instruments	11,388.7	13,800.7	16,681.2	21,050.4	26,531.2
<i>of which: cross-border transactions sent</i> <sup>3</sup>	5.7	7.1	9.0	11.6	11.8
<i>Memo:</i>					
Cross-border transactions received	6.0	6.3	5.5	5.3	3.6
<b>Transactions per type of terminal</b>					
Total transactions at terminals in the country					
Cash transactions <sup>4</sup>	972.8	1,017.5	1,236.7	1,416.2	1,506.4
<i>ATM cash withdrawals</i>	385.6	387.3	498.1	565.0	637.4
<i>ATM cash deposits</i>	487.2	502.6	579.6	677.4	668.6
POS payment transactions <sup>5</sup>	169.5	212.7	264.7	323.1	375.6
E-money card loading/unloading transactions	nav	nav	nav	nav	nav
E-money card payment transactions	nav	nav	nav	nav	nav
a) Transactions at terminals in the country by cards issued in the country					
Cash transactions <sup>4</sup>	972.8	1,017.5	1,236.7	1,416.2	1,506.4
<i>ATM cash withdrawals</i>	385.6	387.3	498.1	565.0	637.4
<i>ATM cash deposits</i>	487.2	502.6	579.6	677.4	668.6
POS payment transactions <sup>5</sup>	169.5	212.7	264.7	323.1	375.6
E-money card loading/unloading transactions	nav	nav	nav	nav	nav
E-money card payment transactions	nav	nav	nav	nav	nav
b) Transactions at terminals in the country by cards issued outside the country					
Cash transactions	nav	nav	nav	nav	nav
<i>ATM cash withdrawals</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>ATM cash deposits</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
POS payment transactions	nav	nav	nav	nav	nav
E-money card loading/unloading transactions	nav	nav	nav	nav	nav
E-money card payment transactions	nav	nav	nav	nav	nav
c) Transactions at terminals outside the country by cards issued in the country					
Cash transactions <sup>6</sup>	nav	nav	nav	nav	nav
<i>ATM cash withdrawals</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>ATM cash deposits</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
POS payment transactions	5.0	6.4	8.0	10.4	10.6
E-money card loading/unloading transactions	nav	nav	nav	nav	nav
E-money card payment transactions	nav	nav	nav	nav	nav

<sup>1</sup> For 2005 and 2006, estimated values. <sup>2</sup> Includes payments made with delayed debit cards issued by American Express.

<sup>3</sup> Includes both card payments outside the country and remittances. <sup>4</sup> Also includes ATM credit transfers. <sup>5</sup> Payments through cards issued outside the country are not included. <sup>6</sup> All card transactions outside the country are included in POS payment

**Table 9**  
**Participation in selected interbank funds transfer systems**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>Large-value payment systems</b>					
<b>STR</b>					
Number of participants	142	143	136	139	136
Direct participants	142	143	136	139	136
Banks	135	136	129	134	131
Central bank	1	1	1	1	1
Other direct participants	6	6	6	4	4
<i>General government</i>	1	1	1	1	1
<i>Clearing and settlement organisations</i>	5	5	5	3	3
Indirect participants	0	0	0	0	0
<b>SITRAF</b>					
Number of participants	95	98	96	95	89
Direct participants	95	98	96	95	89
Banks	95	98	96	95	89
Indirect participants	0	0	0	0	0
<b>BmfBovespa-FX</b>					
Number of participants	81	81	75	73	70
Direct participants	81	81	75	73	70
Banks	81	81	75	73	70
Indirect participants	0	0	0	0	0
<b>Retail payment systems</b>					
<b>COMPE</b>					
Number of participants	137	138	131	135	132
Direct participants	137	138	131	135	132
Banks	135	136	129	133	132
Central bank	1	1	1	1	0
Other direct participants	1	1	1	1	0
<i>General government</i>	1	1	1	1	0
Indirect participants	0	0	0	0	0
<b>SILOC</b>					
Number of participants	123	118	114	116	120
Direct participants	123	118	114	116	120
Banks	123	118	114	116	120
Indirect participants	0	0	0	0	0

**Table 10**  
**Payments processed by selected interbank funds transfer systems: volume of transactions**  
*(millions, total for the year)*

	2005	2006	2007	2008	2009
<b>Large-value payment systems</b>					
<b>STR</b>					
Total transactions sent	10.7	10.7	10.8	10.4	10.5
Concentration ratio in terms of volume (%)	31.5	30.1	36.4	34.2	32.6
<b>SITRAF</b>					
Total transactions sent	35.3	41.6	52.0	61.0	67.4
Concentration ratio in terms of volume (%)	54.6	54.3	54.7	59.0	58.9
<b>BmfBovespa-FX</b>					
Total transactions sent	0.09	0.07	0.06	0.07	0.06
Concentration ratio in terms of volume (%)	nav	nav	nav	nav	nav
<b>Retail payment systems</b>					
<b>COMPE</b>					
Total national transactions sent	2067.0	1709.4	1533.5	1396.5	1235.0
<i>Credit transfers</i>	126.6	0.0	0.0	0.0	0.0
<i>Cheques</i>	1940.3	1709.4	1533.5	1396.5	1235.0
Concentration ratio in terms of volume (%)	64.8	65.4	66.9	68.8	70.4
<b>SILOC</b>					
Total national transactions sent	970.4	1240.6	1427.8	1624.6	1752.2
<i>Credit transfers</i>	970.4	1240.6	1427.8	1624.6	1752.2
Concentration ratio in terms of volume (%)	64.9	65.6	67.2	69.8	71.8

**Table 11****Payments processed by selected interbank funds transfer systems: value of transactions***(BRL billions, total for the year)*

	2005	2006	2007	2008	2009
<b>Large-value payment systems</b>					
<b>STR</b>					
Total transactions sent	79,545.4	97,671.6	107,136.4	110,234.4	141,181.3
Concentration ratio in terms of value (%)	47.3	42.6	44.0	47.0	56.0
<b>SITRAF</b>					
Total transactions sent	2,525.8	3,129.6	4,080.5	5,119.9	5,287.9
Concentration ratio in terms of value (%)	71.4	70.3	72.2	73.7	72.9
<b>BmfBovespa-FX</b>					
Total transactions sent	876.9	959.6	1,368.8	1,406.1	1,269.9
Concentration ratio in terms of value (%)	nav	nav	nav	nav	nav
<b>Retail payment systems</b>					
<b>COMPE</b>					
Total national transactions sent	1,161.4	984.4	989.8	1,056.9	1,005.3
<i>Credit transfers</i>	137.2	0.0	0.0	0.0	0.0
<i>Cheques</i>	1,024.2	984.4	989.8	1,056.9	1,005.3
Concentration ratio in terms of value (%)	64.9	66.4	67.9	70.0	71.2
<b>SILOC</b>					
Total national transactions sent	498.8	627.7	727.1	853.1	922.2
<i>Credit transfers</i>	498.8	627.7	727.1	853.1	922.2
Concentration ratio in terms of value (%)					

**Table 12**  
**Participation in SWIFT by domestic institutions**  
*(end of year)*

	2005	2006	2007	2008	2009
Members	25	25	24	24	21
<i>of which: live</i>	25	25	24	24	21
Sub-members	23	25	26	24	27
<i>of which: live</i>	23	23	26	24	27
Participants	33	33	35	40	46
<i>of which: live</i>	32	32	34	38	44
Total users	81	83	85	88	94
<i>of which: live</i>	80	80	84	86	92
<i>Memo:</i>					
Total SWIFT users	7,888	8,105	8,332	8,830	9,281
<i>members</i>	2,231	2,288	2,276	2,276	2,356
<i>sub-members</i>	3,077	3,120	3,212	3,305	3,306
<i>participants</i>	2,580	2,697	2,844	3,249	3,619

Source: SWIFT.

**Table 13**  
**SWIFT message flows to/from domestic users**  
*(thousands, total for the year)*

	2005	2006	2007	2008	2009
Total messages sent	4,106	4,562	6,001	6,947	6,369
<i>of which:</i>					
<i>category I</i>	1,619	1,732	2,011	2,242	2,063
<i>category II</i>	386	383	484	456	380
Total messages received	5,682	5,508	6,263	6,859	6,022
<i>of which:</i>					
<i>category I</i>	1,824	1,857	2,099	2,251	2,031
<i>category II</i>	320	309	317	324	322
Domestic traffic	60	81	124	112	91
<i>Memo:</i>					
Global SWIFT traffic	2,518,285	2,864,537	3,501,163	3,854,576	3,760,314

Source: SWIFT.



**Table 14**  
**Number of participants in exchanges and trading systems**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>BmfBovespa-Equities</b>					
Total number of participants	nav	nav	nav	76	81
<i>central bank</i>	0	0	0	0	0
<i>central counterparties (CCPs)</i>	0	0	0	0	0
<i>banks</i>	nav	nav	nav	nav	nav
<i>other</i>	nav	nav	nav	nav	nav
Number of domestic participants	nav	nav	nav	76	81
<i>central bank</i>	0	0	0	0	0
<i>central counterparties (CCPs)</i>	0	0	0	0	0
<i>banks</i>	nav	nav	nav	nav	nav
<i>other</i>	nav	nav	nav	nav	nav
Number of foreign participants	nap	nap	nap	nap	nap
<b>BmfBovespa-Derivatives</b>					
Total number of participants	140	125	118	119	84
<i>central bank</i>	0	0	0	0	0
<i>central counterparties (CCPs)</i>	0	0	0	0	0
<i>banks</i>	nav	nav	nav	nav	nav
<i>other</i>	nav	nav	nav	nav	nav
Number of domestic participants	140	125	118	119	84
<i>central bank</i>	0	0	0	0	0
<i>central counterparties (CCPs)</i>	0	0	0	0	0
<i>banks</i>	nav	nav	nav	nav	nav
<i>other</i>	nav	nav	nav	nav	nav
Number of foreign participants	nap	nap	nap	nap	nap

**Table 15****Number of listed securities***(end of year)*

	2005	2006	2007	2008	2009
<b>BmfBovespa-Equities</b>					
Total number of listed securities	1,136	1,183	1,262	1,215	1,164
debt securities	153	196	221	215	228
<i>short-term paper</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>bonds</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
equity	983	987	1,041	1,000	936
other	nap	nap	nap	nap	nap
<b>BmfBovespa-Derivatives</b>					
Total number of listed securities	nap	nap	nap	nap	nap

**Table 16****Market capitalisation of listed companies***(BRL billions, end of year)*

	2005	2006	2007	2008	2009
<b>BmfBovespa-Equities</b>					
Total market capitalisation/equity	1,108.50	1,516.40	2,438.10	1,373.40	2,331.10
<b>BmfBovespa-Derivatives</b>					
Total market capitalisation/equity	nap	nap	nap	nap	nap

**Table 17****Number of executed trades***(thousands, total for the year)*

	2005	2006	2007	2008	2009
<b>BmfBovespa-Equities</b>					
Total number of executed securities trades	9,681.36	14,960.46	28,382.07	49,124.40	67,148.50
debt securities	0.64	0.44	1.59	2.11	1.61
<i>short-term paper</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>bonds</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
equity	9,680.72	14,960.02	28,380.47	49,122.29	67,146.88
Total number of executed derivatives trades					
<i>financial futures</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>financial options</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>other financial derivatives</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>commodity futures</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
<i>commodity options</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
<i>other commodity derivatives</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
<b>BmfBovespa-Derivatives</b>					
Total number of executed securities trades	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
Total number of executed derivatives trades					
<i>financial futures</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>financial options</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>other financial derivatives</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>commodity futures</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>commodity options</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>other commodity derivatives</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>

**Table 18****Value of executed trades***(BRL billions, total for the year)*

	2005	2006	2007	2008	2009
<b>BmfBovespa-Equities</b>					
Total value of executed securities trades	437.99	692.40	1,461.88	1,618.71	1,516.31
debt securities	2.40	1.63	0.84	1.26	0.38
<i>short-term paper</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>bonds</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
equity	435.59	690.77	1,461.05	1,617.45	1,515.93
Total value of executed derivatives trades					
<i>financial futures</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>financial options</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>other financial derivatives</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>commodity futures</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
<i>commodity options</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
<i>other commodity derivatives</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
<b>BmfBovespa-Derivatives</b>					
Total value of executed securities trades	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
Total value of executed derivatives trades					
<i>financial futures</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>financial options</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>other financial derivatives</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>commodity futures</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>commodity options</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>other commodity derivatives</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>

**Table 19**  
**Number of clearing members**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>BmfBovespa-Equities</b>					
Total number of clearing members	nav	nav	nav	58	64
<i>central bank</i>	0	0	0	0	0
<i>central counterparties (CCPs)</i>	0	0	0	0	0
<i>banks</i>	nav	nav	nav	nav	nav
<i>other</i>	nav	nav	nav	nav	nav
Number of domestic clearing members	nav	nav	nav	58	64
<i>central bank</i>	0	0	0	0	0
<i>central counterparties (CCPs)</i>	0	0	0	0	0
<i>banks</i>	nav	nav	nav	nav	nav
<i>other</i>	nav	nav	nav	nav	nav
Number of foreign clearing members	nap	nap	nap	nap	nap
<b>BmfBovespa-Derivatives</b>					
Total number of clearing members	95	90	86	88	81
<i>central bank</i>	0	0	0	0	0
<i>central counterparties (CCPs)</i>	0	0	0	0	0
<i>banks</i>	nav	nav	nav	nav	nav
<i>other</i>	nav	nav	nav	nav	nav
Number of domestic clearing members	95	90	86	88	81
<i>central bank</i>	0	0	0	0	0
<i>central counterparties (CCPs)</i>	0	0	0	0	0
<i>banks</i>	nav	nav	nav	nav	nav
<i>other</i>	nav	nav	nav	nav	nav
Number of foreign clearing members	nap	nap	nap	nap	nap
<b>BmfBovespa-Securities</b>					
Total number of clearing members	69	68	76	76	53
<i>central bank</i>	0	0	0	0	0
<i>central counterparties (CCPs)</i>	0	0	0	0	0
<i>banks</i>	nav	nav	nav	nav	nav
<i>other</i>	nav	nav	nav	nav	nav
Number of domestic clearing members	69	68	76	76	53
<i>central bank</i>	0	0	0	0	0
<i>central counterparties (CCPs)</i>	0	0	0	0	0
<i>banks</i>	nav	nav	nav	nav	nav
<i>other</i>	nav	nav	nav	nav	nav
Number of foreign clearing members	nap	nap	nap	nap	nap
<b>CETIP</b>					
Total number of clearing members	4,894	5,582	7,123	8,261	9,109
<i>central bank</i>	0	0	0	0	0
<i>central counterparties (CCPs)</i>	nav	nav	nav	nav	nav
<i>banks</i>	nav	nav	nav	nav	nav
<i>other</i>	nav	nav	nav	nav	nav
Number of domestic clearing members	4,894	5,582	7,123	8,261	9,109
<i>central bank</i>	0	0	0	0	0
<i>central counterparties (CCPs)</i>	nav	nav	nav	nav	nav
<i>banks</i>	nav	nav	nav	nav	nav
<i>other</i>	nav	nav	nav	nav	nav
Number of foreign clearing members	nap	nap	nap	nap	nap

**Table 20**  
**Number of contracts and transactions cleared**  
*(thousands, total for the year)*

	2005	2006	2007	2008	2009
<b>BmfBovespa-Equities</b>					
Total number of contracts and transactions cleared <sup>1</sup>	15,700	21,800	38,000	61,600	82,300
Number of securities transactions cleared	nav	nav	nav	nav	nav
Number of exchange-traded derivatives contracts cleared	nav	nav	nav	nav	nav
Number of OTC derivatives contracts cleared	nap	nap	nap	nap	nap
<b>BmfBovespa-Derivatives</b>					
Total number of contracts and transactions cleared <sup>2</sup>	199,455	283,572	426,365	391,600	373,424
Number of securities transactions cleared	nap	nap	nap	nap	nap
Number of exchange-traded derivatives contracts cleared	nav	nav	nav	nav	nav
Number of OTC derivatives contracts cleared	nav	nav	nav	nav	nav
<b>BmfBovespa-Securities</b>					
Total number of contracts and transactions cleared	31.52	20.54	14.07	5.46	1.51
Number of securities transactions cleared	31.52	20.54	14.07	5.46	1.51
debt securities	31.52	20.54	14.07	5.46	1.51
<i>government bonds</i>	31.52	20.54	14.07	5.46	1.51
<i>of which: number of repurchase transactions cleared</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<b>CETIP</b>					
Total number of contracts and transactions cleared <sup>3</sup>	5,400	9,600	13,500	18,900	21,456
Number of securities transactions cleared	5,100	9,300	13,100	18,300	20,831
debt securities	5,100	9,300	13,100	18,300	20,831
<i>short-term paper</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>bonds</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>government bonds</i>	100	100	100	100	53
<i>of which: number of repurchase transactions cleared</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Number of OTC derivatives contracts cleared	300	300	400	600	625
<i>financial futures</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
<i>financial options</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
<i>other financial derivatives</i>	300	300	400	600	625

<sup>1</sup> Exchange-traded equity spot market transactions in the vast majority. <sup>2</sup> Exchange-traded derivatives contracts in the vast majority. <sup>3</sup> Round numbers, except for 2009.

**Table 21**  
**Value of contracts and transactions cleared**  
*(BRL billions, total for the year)*

	2005	2006	2007	2008	2009
<b>BmfBovespa-Equities</b>					
Total value of contracts and transactions cleared <sup>1</sup>	479.7	737.3	1,544.8	1,719.0	1,605.5
Value of securities transactions cleared	nav	nav	nav	nav	nav
Value of exchange-traded derivatives contracts cleared	nav	nav	nav	nav	nav
Value of OTC derivatives contracts cleared	nap	nap	nap	nap	nap
<b>BmfBovespa-Derivatives</b>					
Total value of contracts and transactions cleared <sup>2</sup>	18,456.7	23,105.2	32,363.0	28,015.2	26,784.6
Value of securities transactions cleared	nap	nap	nap	nap	nap
Value of exchange-traded derivatives contracts cleared	nav	nav	nav	nav	nav
Value of OTC derivatives contracts cleared	nav	nav	nav	nav	nav
<b>BmfBovespa-Securities</b>					
Total value of contracts and transactions cleared	1,191.3	3,412.2	4,175.0	540.2	123.7
Value of securities transactions cleared	1,191.3	3,412.2	4,175.0	540.2	123.7
debt securities	1,191.3	3,412.2	4,175.0	540.2	123.7
<i>short-term paper</i>	nap	nap	nap	nap	nap
<i>bonds</i>	nap	nap	nap	nap	nap
<i>government bonds</i>	1,191.3	3,412.2	4,175.0	540.2	123.7
<i>of which: value of repurchase transactions cleared</i>	nav	nav	nav	nav	nav
Value of exchange-traded derivatives contracts cleared	nap	nap	nap	nap	nap
Value of OTC derivatives contracts cleared	nap	nap	nap	nap	nap
<b>CETIP</b>					
Total value of contracts and transactions cleared	4,257.3	4,708.2	5,703.0	9,122.1	11,032.4
Value of securities transactions cleared	4,219.2	4,673.6	5,550.2	8,834.8	10,905.3
debt securities	4,219.2	4,673.6	5,550.2	8,834.8	10,905.3
<i>short-term paper</i>	nav	nav	nav	nav	nav
<i>bonds</i>	nav	nav	nav	nav	nav
<i>government bonds</i>	12.0	15.8	19.4	13.7	9.6
<i>of which: value of repurchase transactions cleared</i>	nav	nav	nav	nav	nav
Value of exchange-traded derivatives contracts cleared	nap	nap	nap	nap	nap
Value of OTC derivatives contracts cleared	38.1	34.6	152.8	287.3	127.1
<i>other financial derivatives</i>	38.1	34.6	152.8	287.3	127.1

<sup>1</sup> Exchange-traded equity spot market transactions in the vast majority. <sup>2</sup> Exchange-traded derivatives contracts in the vast majority.

**Table 22**  
**Number of direct participants in CSDs**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>BmfBovespa-Equities</b>					
Total number of participants	236	232	227	213	203
<i>central bank</i>	0	0	0	0	0
<i>central counterparties (CCPs)</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>central securities depositories</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>banks</i>	48	52	48	50	51
<i>other</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Number of domestic participants	236	232	227	213	203
<i>central bank</i>	0	0	0	0	0
<i>central counterparties (CCPs)</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>central securities depositories</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>banks</i>	48	52	48	50	51
<i>other</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Number of foreign participants	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
<b>CETIP</b>					
Total number of participants	4,894	5,582	7,123	8,261	9,109
<i>central bank</i>	1	1	1	1	1
<i>central counterparties (CCPs)</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>central securities depositories</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>banks</i>	204	287	185	194	195
<i>other</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Number of domestic participants	4,894	5,582	7,123	8,261	9,109
<i>central bank</i>	1	1	1	1	1
<i>central counterparties (CCPs)</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>central securities depositories</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>banks</i>	204	287	185	194	195
<i>other</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Number of foreign participants	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
<b>SELIC</b>					
Total number of participants	4,485	4,927	5,739	6,671	7,387
<i>central bank</i>	1	1	1	1	1
<i>central counterparties (CCPs)</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>central securities depositories</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>banks</i>	257	262	249	252	257
<i>other</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Number of domestic participants	4,485	4,927	5,739	6,671	7,387
<i>central bank</i>	1	1	1	1	1
<i>central counterparties (CCPs)</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>central securities depositories</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>banks</i>	257	262	249	252	257
<i>other</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Number of foreign participants	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>

**Table 23****Number of securities held on accounts at CSDs***(thousands, end of year)*

	2005	2006	2007	2008	2009
<b>BmfBovespa-Equities</b>					
Total number of securities held	1.225	1.237	1.286	1.232	1.220
debt securities	0.036	0.125	0.139	0.127	0.149
<i>short-term paper</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>bonds</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
equity	1.189	1.112	1.147	1.105	1.071
<b>CETIP</b>					
Total number of securities held	939.80	1,290.40	1,485.50	2,007.20	2,477.80
debt securities	939.80	1,290.40	1,485.50	2,007.20	2,477.80
<i>short-term paper</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>bonds</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<b>SELIC</b>					
Total number of securities held <sup>1</sup>	2.95	2.08	1.53	1.06	0.79
debt securities	2.95	2.08	1.53	1.06	0.79
<i>short-term paper</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>bonds</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>

<sup>1</sup> Government securities exclusively.**Table 24****Value of securities held on accounts at CSDs***(BRL billions, end of year)*

	2005	2006	2007	2008	2009
<b>BmfBovespa-Equities</b>					
Total value of securities held	518.6	729.8	1,123.3	650.4	872.6
debt securities	22.0	36.6	45.5	25.3	37.0
<i>short-term paper</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>bonds</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
equity	496.6	693.2	1,077.8	625.2	835.6
<b>CETIP</b>					
Total value of securities held	892.1	1,187.9	1,580.5	2,003.1	2,404.4
debt securities	892.1	1,187.9	1,580.5	2,003.1	2,404.4
<i>short-term paper</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>bonds</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<b>SELIC</b>					
Total value of securities held <sup>1</sup>	1,296.4	1,448.9	1,622.9	1,792.1	2,074.3
debt securities	1,296.4	1,448.9	1,622.9	1,792.1	2,074.3
<i>short-term paper</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>bonds</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>

<sup>1</sup> Government securities exclusively.



**Table 25**  
**Number of delivery instructions processed**  
*(thousands, total for the year)*

	2005	2006	2007	2008	2009
<b>BmfBovespa-Equities</b>					
Total number of delivery instructions <sup>1</sup>	34,165	51,828	74,257	112,551	118,608
DVP	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
free of payment	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<b>CETIP</b>					
Total number of delivery instructions <sup>1</sup>	5,400	9,600	13,500	18,900	21,500
DVP	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
free of payment	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<b>SELIC</b>					
Total number of delivery instructions	2,435.1	2,528.3	2,559.8	2,710.3	2,649.4
DVP	2,322.5	2,415.5	2,434.0	2,581.0	2,534.6
debt securities	2,322.5	2,415.5	2,434.0	2,581.0	2,534.6
<i>short-term paper</i>	0.9	0	0	0	0
<i>bonds</i>	2,321.6	2,415.5	2,434.0	2,581.0	2,534.6
free of payment	112.6	112.8	125.7	129.3	114.8
debt securities	112.6	112.8	125.7	129.3	114.8
<i>short-term paper</i>	0	0	0	0	0
<i>bonds</i>	112.6	112.8	125.7	129.3	114.8

<sup>1</sup> DVP transactions in the vast majority.

**Table 26**  
**Value of delivery instructions processed**  
*(BRL billions, total for the year)*

	2005	2006	2007	2008	2009
<b>BmfBovespa-Equities</b>					
Total value of delivery instructions <sup>1</sup>	249.1	374.5	851.9	831.0	767.1
DVP	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
free of payment	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<b>CETIP</b>					
Total value of delivery instructions <sup>1</sup>	4,256.7	4,690.3	5,703.0	9,122.0	11,032.4
DVP	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
free of payment	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<b>SELIC</b>					
Total value of delivery instructions	115,980.1	139,059.5	165,191.6	196,098.8	248,550.4
DVP	113,203.5	134,718.3	160,377.5	192,631.0	246,105.3
debt securities	113,203.5	134,718.3	160,377.5	192,631.0	246,105.3
<i>short-term paper</i>	2.2	0	0	0	0
<i>bonds</i>	113,201.3	134,718.3	160,377.5	192,631.0	246,105.3
free of payment	2,776.6	4,341.2	4,814.2	3,467.8	2,445.1
debt securities	2,776.6	4,341.2	4,814.2	3,467.8	2,445.1
<i>short-term paper</i>	0	0	0	0	0
<i>bonds</i>	2,776.6	4,341.2	4,814.2	3,467.8	2,445.1

<sup>1</sup> DVP transactions in the vast majority.



**Table 1**  
**Basic statistical data**

	2005	2006	2007	2008	2009
Population (thousands) <sup>1,2</sup>	32,205	32,533	32,883	33,263	33,669
GDP (CAD billions) <sup>2</sup>	1,373.8	1,450.4	1,529.6	1,599.6	1,527.3
GDP per capita (CAD) <sup>2</sup>	42,660	44,583	46,516	48,090	45,362
Consumer price inflation (%) <sup>1,3</sup>	2.2	2.0	2.1	2.4	0.3
Exchange rate (CAD/USD):					
<i>end of year</i> <sup>4</sup>	1.1659	1.1653	0.9881	1.2246	1.0466
<i>average</i> <sup>5</sup>	1.2116	1.1341	1.0748	1.0660	1.1420

<sup>1</sup> Yearly average. <sup>2</sup> Data have been revised from previous years. <sup>3</sup> Base year is 2005. <sup>4</sup> Closing spot rate for the year.

<sup>5</sup> Average noon spot rate for the year.

**Table 2**  
**Settlement media used by non-banks**

(CAD billions, end of year)

	2005	2006	2007	2008	2009
Notes and coin in circulation outside banks	45.69	48.56	49.62	53.68	56.16
Value of transferable deposits <sup>1</sup>	333.50	371.31	403.74	457.68	520.17
Narrow money supply <sup>1,2</sup>	379.19	419.87	453.35	511.37	576.32
<i>Memo:</i>					
Transferable deposits in foreign currencies	35.78	35.92	37.84	44.09	52.89
Outstanding value on e-money storages <sup>3</sup>	0	0	0	0	0

<sup>1</sup> Data have been revised from previous years. <sup>2</sup> This is not equivalent to M1 in Canada. M1 consists of currency in circulation outside banks plus all deposits, notice or demand, that are held at any deposit-taking institution and which can be used to make payments. <sup>3</sup> E-money products have not been widely adopted in Canada. In this reporting period, values of e-money outstanding are negligible relative to other forms of settlement media.

**Table 3**  
**Settlement media used by banks**

(CAD billions, average for December)

	2005	2006	2007	2008	2009
Transferable balances held at the central bank	0.054	0.025	0.318	0.537	2.947
<i>required reserves</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
<i>free reserves</i>	0.054	0.025	0.318	0.537	2.947
Transferable balances held at other banks	7.815	8.720	7.804	11.584	3.092
<i>Memo:</i>					
Credit extended by the central bank: <sup>1</sup>					
<i>intraday</i> <sup>2</sup>	0	0	0	0	0
<i>overnight</i>	0.0040	0.0250	0	0.0005	0
<i>longer refinancing operations</i>	0	0	0	0	0

<sup>1</sup> Advances to the members of the Canadian Payments Association (CPA), made at the end of the day to facilitate settlement in Canada's large value payment system (LVTS); these advances are to be paid back on the following business day with interest.

<sup>2</sup> Collateral associated with the operation of the large-value payment system (LVTS) is pledged to the Bank of Canada at the beginning of each day and is used to cover any participant's permitted negative funds positions during the day. The Bank would provide the liquidity necessary (secured by this collateral) to allow the system to settle, in the event of a participant default.

**Table 4****Banknotes and coin***(CAD billions, end of year)*

	2005	2006	2007	2008	2009
Total banknotes and coin issued	50.55	53.45	55.44	58.80	60.65
Total banknotes issued	46.08	48.76	50.57	53.73	55.47
<i>CAD 1,000</i>	1.47	1.36	1.27	1.19	1.13
<i>CAD 100</i>	21.42	23.01	24.10	26.35	27.54
<i>CAD 50</i>	6.52	6.92	7.13	7.56	7.77
<i>CAD 20</i>	14.31	15.03	15.66	16.13	16.46
<i>CAD 10</i>	1.04	1.06	1.08	1.09	1.13
<i>CAD 5</i>	0.92	0.99	0.94	1.02	1.05
<i>CAD 2</i> <sup>1</sup>	0.22	0.22	0.22	0.22	0.22
<i>CAD 1</i> <sup>2</sup>	0.16	0.16	0.16	0.16	0.15
<i>other</i> <sup>3</sup>	0.01	0.01	0.01	0.01	0.01
Total coin issued	4.47	4.69	4.88	5.07	5.18
Banknotes and coin held by banks	4.86	4.90	5.82	5.12	4.49
Banknotes and coin in circulation outside banks	45.69	48.56	49.62	53.68	56.16

<sup>1</sup> The CAD 2 banknote was replaced by the CAD 2 coin in 1996. <sup>2</sup> The CAD 1 banknote was replaced by the CAD 1 coin in 1987.

<sup>3</sup> Includes the banknotes previously issued by chartered banks, the Dominion of Canada, provinces, defunct banks, as well as the CAD 25 and 500 notes, which were reported separately in previous editions of the statistics. All of these notes are out of print.

**Table 5****Institutions offering payment services to non-banks<sup>1</sup>***(end of year)*

	2005	2006	2007	2008	2009
<b>Central bank</b>					
Number of branches or offices <sup>2</sup>	1	1	1	1	1
Number of accounts <sup>3</sup>	4	4	4	4	4
Value of accounts (CAD billions) <sup>3</sup>	0.054	0.025	0.318	0.537	2.947
<i>Memo:</i>					
Number of accounts, all <sup>3</sup>	15	15	15	15	15
Number of accounts, banks <sup>3</sup>	11	11	11	11	11
<b>Banks</b>					
Number of institutions <sup>4</sup>	69	71	73	74	78
Number of branches or offices <sup>5</sup>	nav	6,556	6,667	6,725	6,700
Number of accounts	nav	nav	nav	nav	nav
Value of accounts (CAD billions) <sup>6</sup>	359.45	408.06	435.65	551.35	602.21
<b>Domestic banks</b>					
Number of institutions	20	22	20	21	22
Number of branches or offices <sup>5</sup>	nav	6,319	6,420	6,492	6,468
Value of accounts (CAD billions) <sup>6</sup>	330.96	376.43	401.38	512.44	552.22
<b>Foreign bank subsidiaries</b>					
Number of institutions	25	24	25	23	26
Number of branches or offices <sup>5</sup>	nav	208	216	195	193
Value of accounts (CAD billions) <sup>6</sup>	26.239	28.129	30.182	33.348	43.493
<b>Foreign bank branches</b>					
Number of institutions	24	25	28	30	30
Number of branches or offices	29	29	31	38	39
Value of accounts (CAD billions) <sup>6</sup>	2.247	3.495	4.092	5.557	6.502

For the footnotes, see the end of the table.

Table 5 (cont)

	2005	2006	2007	2008	2009
<b>Other institutions offering payment services to non-banks</b>					
Number of institutions	1,185	1,138	1,089	1,043	975
Number of branches or offices	5,096	5,098	5,060	5,029	4,982
Number of accounts	nav	nav	nav	nav	nav
Value of accounts (CAD billions)	59.464	66.873	73.265	82.337	97.865
<b>Local credit unions and caisses populaires</b>					
Number of institutions	1,156	1,108	1,059	1,008	945
Number of branches or offices	3,456	3,424	3,404	3,341	3,302
Value of accounts (CAD billions)	52.994	57.466	63.341	71.579	85.911
<b>Trust and loan companies<sup>7</sup></b>					
Number of institutions	28	29	29	34	29
Number of branches or offices	1,490	1,520	1,499	1,524	1,515
Value of accounts (CAD billions)	1.978	4.264	4.679	5.086	5.483
<b>Governmental savings institutions</b>					
Number of institutions	1	1	1	1	1
Number of branches or offices	150	154	157	164	165
Value of accounts (CAD billions)	4.492	5.144	5.245	5.672	6.471
<b>Institutions offering payment services to non-banks (total)</b>					
Number of institutions	1,255	1,210	1,163	1,118	1,054
Number of branches or offices <sup>5</sup>	14,376	11,808	11,884	11,918	11,847
Number of accounts held by non-banks	nav	nav	nav	nav	nav
Value of accounts held by non-banks (CAD billions) <sup>6</sup>	418.91	474.93	508.92	633.69	700.07

*Memo:***Electronic money institutions**

Number of institutions	nav	nav	nav	nav	nav
Outstanding value on e-money storages issued by e-money institutions	nav	nav	nav	nav	nav

<sup>1</sup> Data have been revised from previous years. <sup>2</sup> There are five regional offices and two Agency Operations Centres but only the head office offers payment services. <sup>3</sup> Figures represent the number of accounts held at the Bank of Canada by CPA members: for the settlement of the LVTS, ACSS and a cash collateral and general account. As of end 2009, there were 15 such accounts; 4 accounts held by non-bank institutions and 11 accounts held by banking institutions. <sup>4</sup> Some foreign bank subsidiaries (legally incorporated banks in Canada that are owned by a foreign bank parent but will only show up on the consolidated balance sheet of the foreign parent) and foreign bank branches (included in the parent bank's individual balance sheet) are associated with the same parent bank. For the purposes of this table, each institution is recorded separately. <sup>5</sup> The number of routing numbers was reported previously as number of branches by some banks, overstating the number of branches. Past data has been revised to now reflect number of branches. <sup>6</sup> In previous editions, average value of accounts was reported rather than end of year. Data has been revised to end of year values. <sup>7</sup> Only a few operate nationwide; those companies that are members of the CPA are included.

Table 6

Payment card functions and accepting devices<sup>1</sup>

(thousands, end of year)

	2005	2006	2007	2008	2009
<b>Cards issued in the country</b>					
Cards with a cash function <sup>2</sup>	nav	nav	nav	nav	nav
Cards with a debit function <sup>3</sup>	20,477	20,290	21,262	21,500	22,300
Cards with a delayed debit function	nav	nav	nav	nav	nav
Cards with a credit function	60,232	61,769	68,412	72,682	73,806
Cards with an e-money function <sup>4</sup>	nav	nav	nav	nav	nav
<i>of which: cards with an e-money function which have been loaded at least once</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Total number of cards (irrespective of the number of functions on the card)	nav	nav	nav	nav	nav
<i>Memo:</i>					
Retailer cards <sup>5</sup>	12,995	12,637	13,144	12,351	10,074
<b>Terminals located in the country</b>					
ATMs	53	56	58	60	61
<i>ATMs with a cash withdrawal function</i>	<i>53</i>	<i>56</i>	<i>58</i>	<i>60</i>	<i>61</i>
<i>ATMs with a credit transfer function<sup>6</sup></i>	<i>23</i>	<i>24</i>	<i>19</i>	<i>19</i>	<i>20</i>
POS terminals <sup>7</sup>	571	592	603	631	709
<i>of which: EFTPOS terminals</i>	<i>571</i>	<i>592</i>	<i>603</i>	<i>631</i>	<i>709</i>
E-money card terminals <sup>4</sup>	nav	nav	nav	nav	nav
<i>e-money card loading/unloading terminals</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>e-money card payment terminals</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>

<sup>1</sup> All figures are estimates. Minor data revisions may have been made to previous year. <sup>2</sup> Data not available. <sup>3</sup> Only cards that are actively used to make purchases at POS terminals have been reported. <sup>4</sup> Data not available. E-money products have not been widely adopted in Canada. In this reporting period, the number of e-money cards and terminals is estimated to be negligible relative to other payment cards and terminals. <sup>5</sup> Number of cards in circulation is not available. Number of accounts has been reported. <sup>6</sup> Credit transfer functions are, for the most part, limited to proprietary ATMs. Access to the credit transfer functions on these ATMs is restricted to the clients of the associated proprietary institution. New data source has been used for 2007. <sup>7</sup> Figures represent those terminals with at least a debit function and do not include terminals that only have a credit function; includes both shared and proprietary networks. The large increase in POS terminals in 2009 is partly due to the introduction of chip card technology and the necessary upgrades to chip-reading POS terminals.

Table 7

**Indicators of the use of payment instruments and terminals by non-banks: volume of transactions<sup>1</sup>**  
 (millions, total for the year)

	2005	2006	2007	2008	2009
<b>Transactions per type of payment instrument</b>					
Credit transfers	857.3	939.8	1,034.6	1,083.4	1,136.6
<i>paper-based<sup>2</sup></i>	45.2	28.1	19.3	17.6	16.6
<i>non-paper-based<sup>3</sup></i>	812.1	911.7	1,015.3	1,065.9	1,120.0
Direct debits	626.1	662.0	702.6	739.0	755.6
Card payments with cards issued in the country	5,018.1	5,457.0	5,812.0	6,281.6	6,552.4
<i>payments by cards with a debit function</i>	3,070.1	3,293.2	3,451.8	3,705.0	3,881.0
<i>payments by cards with a delayed debit function</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
<i>payments by cards with a credit function</i>	1,948.0	2,163.8	2,360.2	2,576.6	2,671.4
E-money payment transactions <sup>4</sup>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Cheques	1,353.4	1,325.4	1,283.4	1,214.9	1,132.4
Other payment instruments	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
Total number of transactions with payment instruments	7,854.8	8,384.2	8,832.6	9,319.0	9,577.0
<i>of which: cross-border transactions sent</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>Memo:</i>					
Cross-border transactions received	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<b>Transactions per type of terminal</b>					
Total transactions at terminals in the country					
Cash transactions	1,422.6	1,394.6	1,390.1	1,338.2	1,313.7
<i>ATM withdrawals</i>	1,079.4	1,058.6	1,067.5	1,027.0	1,010.0
<i>ATM deposits</i>	343.2	336.0	322.7	311.2	303.6
POS payment transactions <sup>5</sup>	5,018.1	5,457.0	5,812.0	6,281.6	6,552.4
E-money card loading/unloading transactions <sup>4</sup>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
E-money card payment transactions <sup>4</sup>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>

<sup>1</sup> All figures are estimates. Figures include on-us transactions. Minor revisions may have been made to previous years' data. <sup>2</sup> Bill payments initiated at ATMs and bank tellers. <sup>3</sup> Includes bill payments initiated over the telephone or internet, Automatic Funds Transfer (AFT) credits, corporate-to-corporate credits (EDI) and large-value corporate payments. <sup>4</sup> E-money products have not been widely adopted in Canada. In this reporting period, the volume of e-money transactions is estimated to be negligible relative to other payment instruments. <sup>5</sup> Figures for POS transactions involving cards with a credit function represent the volume of transactions for cards issued in Canada and include transactions conducted at terminals in other countries.

**Table 8****Indicators of the use of payment instruments and terminals by non-banks: value of transactions<sup>1</sup>***(CAD billions, total for the year)*

	2005	2006	2007	2008	2009
<b>Transactions per type of payment instrument</b>					
Credit transfers	5,556.5	6,320.3	7,025.9	7,175.4	6,361.2
<i>paper-based<sup>2</sup></i>	20.9	18.8	18.5	18.9	17.6
<i>non-paper-based<sup>3</sup></i>	5,535.5	6,301.5	7,007.3	7,156.5	6,343.6
Direct debits	428.2	471.3	536.1	595.3	603.9
Card payments with cards issued in the country	346.9	382.0	421.5	461.4	460.2
<i>payments by cards with a debit function<sup>4</sup></i>	137.4	148.7	156.8	168.6	171.4
<i>payments by cards with a delayed debit function</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
<i>payments by cards with a credit function</i>	209.5	233.3	264.7	292.8	288.8
E-money payment transactions <sup>5</sup>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Cheques	3,689.9	3,858.6	4,001.0	3,851.4	3,374.0
Other payment instruments	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Total value of transactions with payment instruments	10,021.5	11,032.2	11,984.4	12,083.5	10,799.3
<i>of which: cross-border transactions sent</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>Memo:</i>					
Cross-border transactions received	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<b>Transactions per type of terminal</b>					
Total transactions at terminals in the country					
Cash transactions	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>ATM withdrawals</i>	107.3	108.3	113.6	112.6	110.5
<i>ATM deposits</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
POS payment transactions <sup>6</sup>	346.9	382.0	421.5	461.4	460.2
E-money card loading/unloading transactions <sup>5</sup>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
E-money card payment transactions <sup>5</sup>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>

<sup>1</sup> All figures are estimates. Figures include on-us transactions. Minor revisions may have been made to previous years' data. <sup>2</sup> Bill payments initiated at ATMs and bank tellers. <sup>3</sup> Includes bill payments initiated over the telephone or internet, Automatic Funds Transfer (AFT) credits, corporate-to-corporate credits (EDI) and large-value corporate payments. <sup>4</sup> Includes the value of cash-back transactions. <sup>5</sup> E-money products have not been widely adopted in Canada. In this reporting period, the value of e-money transactions is estimated to be negligible relative to other payment instruments. <sup>6</sup> Figures for POS transactions involving cards with a credit function represent the value of transactions for cards issued in Canada and include transactions conducted at terminals in other countries.



**Table 9****Participation in selected interbank funds transfer systems<sup>1</sup>***(end of year)*

	2005	2006	2007	2008	2009
<b>Large-value payment systems</b>					
<b>Large Value Transfer System (LVTS)</b>					
Number of participants	86	85	87	85	88
Direct participants	15	15	15	15	15
Banks	11	11	11	11	11
Central bank	1	1	1	1	1
Other direct participants	3	3	3	3	3
<i>Other financial institutions</i>	3	3	3	3	3
Indirect participants	71	70	72	70	73
<b>Retail payment systems</b>					
<b>Automated Clearing Settlement System (ACSS)</b>					
Number of participants	131	123	117	120	119
Direct participants	12	12	12	12	12
Banks	8	8	8	8	8
Central bank	1	1	1	1	1
Other direct participants	3	3	3	3	3
<i>Other financial institutions</i>	3	3	3	3	3
Indirect participants	119	111	105	108	107

<sup>1</sup> Figures include members of the CPA.**Table 10****Payments processed by selected interbank funds transfer systems: volume of transactions<sup>1</sup>***(millions, total for the year)*

	2005	2006	2007	2008	2009
<b>Large-value payment systems</b>					
<b>Large Value Transfer System</b>					
Total transactions sent	4,568	4,915	5,295	5,716	5,606
Concentration ratio in terms of volume (%)	83.1	82.9	83.0	82.5	81.4
<b>Retail payment systems</b>					
<b>Automated Clearing Settlement System</b>					
Total transactions sent	5,181.1	5,361.6	5,539.6	5,731.2	5,823.4
<i>credit transfers</i> <sup>2</sup>	711.9	780.5	859.3	899.8	944.1
<i>direct debits</i> <sup>3</sup>	521.7	551.7	585.5	615.9	629.6
<i>card payments</i> <sup>4</sup>	2,527.0	2,637.5	2,753.9	2,937.0	3,054.6
<i>ATM transactions</i> <sup>5</sup>	292.5	287.3	271.1	265.3	250.2
<i>e-money transactions</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
<i>cheques</i>	1,127.9	1,104.5	1,069.5	1,012.4	943.7
<i>other payment instruments</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
Concentration ratio in terms of volume (%)	83.1	83.6	83.8	84.0	83.8

<sup>1</sup> Figures exclude on-us transactions. Minor data revisions may have been made to previous years. <sup>2</sup> Bill payments initiated at ATMs, bank tellers, over the telephone or internet, AFT credits and EDI. <sup>3</sup> AFT debits. <sup>4</sup> POS debits and credits. <sup>5</sup> Point of service disbursement of currency on shared networks.

**Table 11****Payments processed by selected interbank funds transfer systems: value of transactions<sup>1</sup>**  
(CAD billions, total for the year)

	2005	2006	2007	2008	2009
<b>Large-value payment systems</b>					
<b>Large Value Transfer System</b>					
Total transactions sent	36,724.9	41,760.2	46,083.2	45,936.9	38,696.3
Concentration ratio in terms of value (%)	77.0	77.7	76.8	75.8	71.3
<b>Retail payment systems</b>					
<b>Automated Clearing Settlement System</b>					
Total transactions sent	4,534.8	4,850.5	5,184.4	5,256.9	4,911.4
<i>credit transfers</i> <sup>2</sup>	957.9	1,090.9	1,246.6	1,385.8	1,431.4
<i>direct debits</i> <sup>3</sup>	356.8	392.7	446.7	496.1	503.2
<i>card payments</i> <sup>4</sup>	116.0	122.0	128.1	136.0	137.6
<i>ATM transactions</i> <sup>5</sup>	29.1	29.4	28.9	29.1	27.4
<i>e-money transactions</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
<i>cheques</i>	3,074.9	3,215.5	3,334.1	3,209.5	2,811.7
<i>other payment instruments</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
Concentration ratio in terms of value (%)	81.3	80.9	80.8	80.7	80.2

<sup>1</sup> Figures exclude on-us transactions. <sup>2</sup> Bill payments initiated at ATMs, bank tellers, over the telephone or internet, AFT credits and EDI. <sup>3</sup> AFT debits. <sup>4</sup> POS debits and credits. <sup>5</sup> Point of service disbursement of currency on shared networks.

**Table 12**  
**Participation in SWIFT by domestic institutions**  
*(end of year)*

	2005	2006	2007	2008	2009
Members	13	14	14	14	15
<i>of which: live</i>	13	14	14	14	15
Sub-members	38	35	34	34	36
<i>of which: live</i>	38	35	34	33	36
Participants	13	16	18	21	25
<i>of which: live</i>	12	14	14	18	20
Total users	64	65	66	69	76
<i>of which: live</i>	63	63	62	65	71
<i>Memo:</i>					
Total SWIFT users	7,888	8,105	8,332	8,830	9,281
<i>members</i>	2,231	2,288	2,276	2,276	2,356
<i>sub-members</i>	3,077	3,120	3,212	3,305	3,306
<i>participants</i>	2,580	2,697	2,844	3,249	3,619

Source: SWIFT.

**Table 13**  
**SWIFT message flows to/from domestic users**  
*(thousands, total for the year)*

	2005	2006	2007	2008	2009
Total messages sent	34,327	42,042	50,681	56,535	53,697
<i>of which:</i>					
<i>category I</i>	7,715	8,427	9,160	9,908	9,755
<i>category II</i>	5,228	5,767	6,273	6,387	5,605
Total messages received	27,797	32,071	37,358	40,405	40,447
<i>of which:</i>					
<i>category I</i>	8,424	9,175	9,961	10,846	10,880
<i>category II</i>	5,725	6,512	7,600	7,496	6,343
Domestic traffic	7,085	8,117	9,251	10,113	9,604
<i>Memo:</i>					
Global SWIFT traffic	2,518,285	2,864,537	3,501,163	3,854,576	3,760,314

Source: SWIFT.

**Table 14**  
**Number of participants in exchanges and trading systems**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>TSX<sup>1</sup></b>					
Total number of participants	nav	111	123	122	121
<i>central bank</i>	nav	nav	nav	nav	nav
<i>central counterparties (CCPs)</i>	nav	1	1	1	1
<i>banks</i>	nav	nav	nav	nav	nav
<i>other</i>	nav	110	122	121	120
Number of domestic participants	nav	nav	nav	122	121
Number of foreign participants	nav	nav	nav	nav	nav
<b>Montréal Exchange<sup>2</sup></b>					
Total number of participants	nav	nav	67	64	70
<i>central bank</i>	nav	nav	nav	nav	nav
<i>central counterparties (CCPs)</i>	nav	nav	nav	nav	nav
<i>banks</i>	nav	nav	nav	nav	nav
<i>other</i>	nav	nav	67	64	70
Number of domestic participants	nav	nav	37	40	39
<i>central bank</i>	nav	nav	nav	nav	nav
<i>central counterparties (CCPs)</i>	nav	nav	nav	nav	nav
<i>banks</i>	nav	nav	nav	nav	nav
<i>other</i>	nav	nav	37	40	39
Number of foreign participants	nav	nav	30	24	31
<i>central bank</i>	nav	nav	nav	nav	nav
<i>central counterparties (CCPs)</i>	nav	nav	nav	nav	nav
<i>banks</i>	nav	nav	nav	nav	nav
<i>other</i>	nav	nav	30	24	31
<b>ICE<sup>3</sup></b>					
Total number of participants	nav	nav	nav	nav	nav

<sup>1</sup> Data include statistics from The Toronto Stock Exchange (TSX) and the TSX Venture Exchange. <sup>2</sup> The Montréal Exchange is Canada's financial derivatives exchange. <sup>3</sup> ICE Futures Canada, formerly Winnipeg Commodity Exchange Inc., trades agricultural commodity futures contracts and options on futures contracts which include canola, feed wheat and western barley. ICE Clear Canada acts as clearing house and guarantor to all exchange-traded derivatives contracts traded on ICE Futures Canada.

**Table 15****Number of listed securities***(end of year)*

	2005	2006	2007	2008	2009
<b>TSX<sup>1</sup></b>					
Total number of listed securities	3,993	4,114	4,226	4,133	4,024
debt securities	169	196	163	163	178
<i>bonds</i>	169	196	163	163	178
equity	3,758	3,842	3,951	3,841	3,700
other	66	76	112	129	146
<b>Montréal Exchange</b>					
Total number of listed securities	nap	nap	nap	nap	nap
<b>ICE</b>					
Total number of listed securities	nap	nap	nap	nap	nap

<sup>1</sup> Data include statistics from The Toronto Stock Exchange (TSX) and the TSX Venture Exchange. The latter do not include data for debt securities, but do include data for issuers on NEX, a board which was established on 18 August 2003 for issuers that have fallen below TSX Venture's listing standards (201 at end-2005, 164 at end-2006, 162 at end-2007, 181 at end-2008 and 197 at end 2009).

**Table 16****Market capitalisation of listed companies***(CAD billions, end of year)*

	2005	2006	2007	2008	2009
<b>TSX<sup>1</sup></b>					
Total market capitalisation/equity	1,864.7	2,116.6	2,153.8	1,296.4	1,808.3
<b>Montréal Exchange</b>					
Total market capitalisation/equity	nap	nap	nap	nap	nap
<b>ICE</b>					
Total market capitalisation/equity	nap	nap	nap	nap	nap

<sup>1</sup> Data include statistics from The Toronto Stock Exchange (TSX) and the TSX Venture Exchange. The latter do not include data for debt securities, but do include data for issuers on NEX, a board which was established on 18 August 2003 for issuers that have fallen below TSX Venture's listing standards (201 at end-2005, 164 at end-2006, 162 at end-2007, 181 at end-2008 and 197 at end 2009).

**Table 17****Number of executed trades***(thousands, total for the year)*

	2005	2006	2007	2008	2009
<b>TSX<sup>1</sup></b>					
Total number of executed securities trades	58,918.9	92,575.5	127,621.4	186,825.1	195,470.9
debt securities	166.9	164.2	149.2	127.6	162.2
<i>bonds</i>	166.9	164.2	149.2	127.6	162.2
equity	58,635.3	92,139.1	127,253.3	186,512.5	195,073.3
other	116.7	272.2	218.9	185.0	235.3
Total number of executed derivatives trades	nap	nap	nap	nap	nap
<b>Montréal Exchange</b>					
Total number of executed securities trades	nap	nap	nap	nap	nap
Total number of executed derivatives trades	28,686.0	40,541.0	42,742.2	38,063.7	34,303.1
<i>financial futures</i>	18,241.0	27,578.0	28,495.6	22,044.9	17,150.7
<i>financial options</i>	10,445.0	12,963.0	14,246.6	16,018.9	17,152.4
<b>ICE</b>					
Total number of executed securities trades	nap	nap	nap	nap	nap
Total number of executed derivatives trades	2,076.7	2,896.5	3,452.2	3,321.2	3,569.3
<i>commodity futures</i>	2,047.3	2,868.9	3,430.3	3,300.0	3,483.3
<i>commodity options</i>	29.4	27.6	21.8	21.2	86.1

<sup>1</sup> Data include statistics from The Toronto Stock Exchange (TSX) and the TSX Venture Exchange. The latter do not include data for debt securities, but do include data for issuers on NEX, a board which was established on 18 August 2003 for issuers that have fallen below TSX Venture's listing standards (201 at end-2005, 164 at end-2006, 162 at end-2007, 181 at end-2008 and 197 at end 2009). Statistics on covered warrants are reported under "other".

**Table 18****Value of executed trades<sup>1</sup>***(CAD billions, total for the year)*

	2005	2006	2007	2008	2009
<b>TSX<sup>2</sup></b>					
Total value of executed securities trades	1,096.45	1,457.02	1,748.75	1,843.69	1,420.64
debt securities	4.42	5.25	5.09	3.29	5.31
<i>bonds</i>	4.42	5.25	5.09	3.29	5.31
equity	1,090.90	1,449.38	1,742.17	1,839.34	1,414.48
other	1.14	2.39	1.50	1.06	0.85
Total value of executed derivatives trades	nap	nap	nap	nap	nap
<b>Montréal Exchange</b>					
Total value of executed securities trades	nap	nap	nap	nap	nap
Total value of executed derivatives trades	12,329.74	18,601.46	17,645.82	11,753.57	9,050.13
<i>financial futures</i>	11,893.78	17,907.65	16,787.23	11,385.02	8,707.89
<i>financial options</i>	435.96	693.81	858.59	368.54	342.24
<b>ICE</b>					
Total value of executed securities trades	nap	nap	nap	nap	nap
Total value of executed derivatives trades	10.34	16.26	27.22	36.41	29.32
<i>commodity futures</i>	10.33	16.25	27.21	36.40	29.30
<i>commodity options</i>	0.01	0.01	0.01	0.01	0.02

<sup>1</sup> Data have been revised from previous years. <sup>2</sup> Data include statistics from The Toronto Stock Exchange (TSX) and the TSX Venture Exchange. The latter do not include data for debt securities, but do include data for issuers on NEX, a board which was established on 18 August 2003 for issuers that have fallen below TSX Venture's listing standards (201 at end-2005, 164 at end-2006, 162 at end-2007, 181 at end-2008 and 197 at end-2009). Statistics on covered warrants are reported under "other".

**Table 19****Number of clearing members<sup>1</sup>***(end of year)*

	2005	2006	2007	2008	2009
<b>CDCC<sup>2</sup></b>					
Total number of clearing members	nav	31	34	34	34
<i>banks</i>	nav	1	1	1	1
<i>other</i>	nav	30	33	33	33
Number of domestic clearing members	nav	31	34	34	34
<i>banks</i>	nav	1	1	1	1
<i>other</i>	nav	30	33	33	33
Number of foreign clearing members	nav	nap	nap	nap	nap
<b>NGX<sup>3</sup></b>					
Total number of clearing members	nav	151	169	201	214
<i>central bank</i>	nav	nav	nav	nav	nav
<i>central counterparties (CCPs)</i>	nav	nav	nav	nav	nav
<i>banks</i>	nav	nav	nav	nav	nav
<i>other</i>	nav	nav	nav	nav	nav
Number of domestic clearing members	nav	nav	nav	nav	nav
Number of foreign clearing members	nav	nav	nav	nav	nav
<b>ICE<sup>4</sup></b>					
Total number of clearing members	nav	13	12	10	10
<i>central bank</i>	nav	nav	nav	nav	nav
<i>central counterparties (CCPs)</i>	nav	nav	nav	nav	nav
<i>banks</i>	nav	nav	nav	nav	nav
<i>other</i>	nav	nav	nav	nav	nav
Number of domestic clearing members <sup>5</sup>	nav	13	12	10	10
<i>central bank</i>	nav	nav	nav	nav	nav
<i>central counterparties (CCPs)</i>	nav	nav	nav	nav	nav
<i>banks</i>	nav	nav	nav	nav	nav
<i>other</i>	nav	nav	nav	nav	nav
Number of foreign clearing members	nav	nap	nap	nap	nap

<sup>1</sup> Data have been revised from previous years. <sup>2</sup> The Canadian Derivatives Clearing Corporation (CDCC) is the issuer, central counterparty and guarantor of equity, index and interest rate financial derivative contracts traded on the Montreal Exchange. Transaction data is reported on a post-novation basis. <sup>3</sup> Natural Gas Exchange Inc (NGX) is Canada's leading energy exchange and North America's largest physical clearing and settlement facility. Beginning in 2009, through the acquisition of NetThruPut (NTP), NGX added crude oil to its suite of physically and financially cleared products. NGX is based in Calgary and wholly owned by TMX Group Inc. NGX formed a technology and physical clearing alliance with the InterContinental Exchange (ICE), to better serve the North American natural gas and Canadian electricity markets. Under the arrangement, the cleared and bilateral markets for North American physical natural gas and Canadian electricity operated by NGX and ICE are offered together on ICE's electronic commodities trading platform. NGX also uses the ICEBlock system to electronically accept for clearing off-exchange transactions in financial gas and other energy products. NGX is a service provider only and does not trade or take positions in the energy market. Dollar values for NGX are calculated using a weighted average price. Due to a change in the internal reporting methodology, data have been revised from previous years. <sup>4</sup> ICE Futures Canada, formerly Winnipeg Commodity Exchange Inc., trades agricultural commodity futures contracts and options on futures contracts which include canola, feed wheat and western barley. ICE Clear Canada acts as clearing house and guarantor to all exchange-traded derivatives contracts traded on ICE Futures Canada. <sup>5</sup> All ICE members are Canadian corporations with offices in Canada, though some may be wholly-owned subsidiaries of foreign corporations.



**Table 20**  
**Number of contracts and transactions cleared**  
*(thousands, total for the year)*

	2005	2006	2007	2008	2009
<b>CDCC<sup>1</sup></b>					
Total number of contracts and transactions cleared	nav	86,172.0	92,372.0	94,378.0	80,336.0
Number of securities transactions cleared	nav	5,062.0	6,750.0	18,248.0	12,776.0
debt securities	nav	3,582.0	5,218.0	16,624.0	10,998.0
<i>bonds</i>	nav	3,582.0	5,218.0	16,624.0	10,998.0
equity	nav	nav	nav	nav	nav
other	nav	1,480.0	1,532.0	1,624.0	1,778.0
<i>of which: number of repurchase transactions cleared</i>	nav	nav	nav	nav	nav
Number of exchange-traded derivatives contracts cleared	nav	81,096.0	85,594.0	76,130.0	67,560.0
<i>financial futures</i>	nav	55,156.0	56,992.0	44,092.0	33,074.0
<i>financial options</i>	nav	25,940.0	28,602.0	32,038.0	34,486.0
Number of OTC derivatives contracts cleared	nav	14.0	28.0	200.0	286.0
<i>financial options</i>	nav	14.0	28.0	200.0	286.0
<b>NGX<sup>2</sup></b>					
Total number of contracts and transactions cleared	376.6	420.1	476.7	675.9	625.1
Number of securities transactions cleared	nav	nav	nav	nav	nav
Number of exchange-traded derivatives contracts cleared	373.8	417.2	472.6	666.6	608.2
<i>financial futures</i>	nav	nav	nav	nav	nav
<i>financial options</i>	nav	nav	nav	nav	nav
<i>other financial derivatives</i>	nav	nav	nav	nav	nav
<i>commodity futures</i>	nav	nav	nav	nav	nav
<i>commodity options</i>	nav	nav	nav	nav	nav
<i>other commodity derivatives</i>	373.8	417.2	472.6	666.6	608.2
Number of OTC derivatives contracts cleared	2.7	2.8	4.1	9.2	17.0
<i>financial futures</i>	nav	nav	nav	nav	nav
<i>financial options</i>	nav	nav	nav	nav	nav
<i>other financial derivatives</i>	nav	nav	nav	nav	nav
<i>commodity futures</i>	nav	nav	nav	nav	nav
<i>commodity options</i>	nav	nav	nav	nav	nav
<i>other commodity derivatives</i>	2.7	2.8	4.1	9.2	17.0

For the footnotes, see the end of the table.

Table 20 (cont)

	2005	2006	2007	2008	2009
<b>ICE<sup>3</sup></b>					
Total number of contracts and transactions cleared	2,094.8	2,918.5	3,467.4	3,332.2	3,594.8
Number of securities transactions cleared	nap	nap	nap	nap	nap
Number of exchange-traded derivatives contracts cleared	2,094.8	2,918.5	3,467.4	3,332.2	3,594.8
<i>commodity futures</i>	2,055.4	2,878.7	3,436.7	3,303.6	3,486.2
<i>commodity options</i>	39.4	39.8	30.7	28.6	108.6
Number of OTC derivatives contracts cleared	nap	nap	nap	nap	nap

<sup>1</sup> The Canadian Derivatives Clearing Corporation (CDCC) is the issuer, central counterparty and guarantor of equity, index and interest rate financial derivative contracts traded on the Montreal Exchange. Transaction data is reported on a post-novation basis.

<sup>2</sup> Natural Gas Exchange Inc (NGX) is Canada's leading energy exchange and North America's largest physical clearing and settlement facility. Beginning in 2009, through the acquisition of NetThruPut (NTP), NGX added crude oil to its suite of physically and financially cleared products. NGX is based in Calgary and wholly owned by TMX Group Inc. NGX formed a technology and physical clearing alliance with the InterContinental Exchange (ICE), to better serve the North American natural gas and Canadian electricity markets. Under the arrangement, the cleared and bilateral markets for North American physical natural gas and Canadian electricity operated by NGX and ICE are offered together on ICE's electronic commodities trading platform. NGX also uses the ICEBlock system to electronically accept for clearing off-exchange transactions in financial gas and other energy products. NGX is a service provider only and does not trade or take positions in the energy market. Dollar values for NGX are calculated using a weighted average price. Due to a change in the internal reporting methodology, data have been revised from previous years. <sup>3</sup> ICE Futures Canada, formerly Winnipeg Commodity Exchange Inc., trades agricultural commodity futures contracts and options on futures contracts which include canola, feed wheat and western barley. ICE Clear Canada acts as clearing house and guarantor to all exchange-traded derivatives contracts traded on ICE Futures Canada.

**Table 21****Value of contracts and transactions cleared<sup>1</sup>***(CAD billions, total for the year)*

	2005	2006	2007	2008	2009
<b>CDCC<sup>2</sup></b>					
Total value of contracts and transactions cleared	nav	nav	6.42	8.44	5.62
Value of securities transactions cleared	nav	nav	nav	nav	nav
Value of exchange-traded derivatives contracts cleared	nav	nav	6.40	8.37	5.61
Value of OTC derivatives contracts cleared	nav	nav	nav	nav	nav
<b>NGX<sup>3</sup></b>					
Total value of contracts and transactions cleared	138.14	120.80	140.86	194.94	97.04
Value of securities transactions cleared	nap	nap	nap	nap	nap
Value of exchange-traded derivatives contracts cleared	130.89	111.47	130.32	163.91	74.27
<i>financial futures</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
<i>financial options</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
<i>other financial derivatives</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
<i>commodity futures</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>commodity options</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>other commodity derivatives</i>	130.89	111.47	130.32	163.91	74.27
Value of OTC derivatives contracts cleared	7.25	9.33	10.54	31.03	22.77
<i>financial futures</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
<i>financial options</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
<i>other financial derivatives</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
<i>commodity futures</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>commodity options</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>other commodity derivatives</i>	7.25	9.33	10.54	31.03	22.77

For the footnotes, see the end of the table.

**Table 21 (cont)**

	2005	2006	2007	2008	2009
<b>ICE<sup>4</sup></b>					
Total value of contracts and transactions cleared	10.43	16.36	27.32	36.52	29.53
Value of securities transactions cleared	nap	nap	nap	nap	nap
Value of exchange-traded derivatives contracts cleared	10.43	16.36	27.32	36.52	29.53
<i>commodity futures</i>	10.37	16.29	27.25	36.43	29.32
<i>commodity options</i>	0.06	0.07	0.07	0.09	0.21
Value of OTC derivatives contracts cleared	nap	nap	nap	nap	nap

<sup>1</sup> Minor data revisions have been made to previous years. <sup>2</sup> The Canadian Derivatives Clearing Corporation (CDCC) is the issuer, central counterparty and guarantor of equity, index and interest rate financial derivative contracts traded on the Montreal Exchange. Transaction data is reported on a post-novation basis. <sup>3</sup> Natural Gas Exchange Inc (NGX) is Canada's leading energy exchange and North America's largest physical clearing and settlement facility. Beginning in 2009, through the acquisition of NetThruPut (NTP), NGX added crude oil to its suite of physically and financially cleared products. NGX is based in Calgary and wholly owned by TMX Group Inc. NGX formed a technology and physical clearing alliance with the InterContinental Exchange (ICE), to better serve the North American natural gas and Canadian electricity markets. Under the arrangement, the cleared and bilateral markets for North American physical natural gas and Canadian electricity operated by NGX and ICE are offered together on ICE's electronic commodities trading platform. NGX also uses the ICEBlock system to electronically accept for clearing off-exchange transactions in financial gas and other energy products. NGX is a service provider only and does not trade or take positions in the energy market. Dollar values for NGX are calculated using a weighted average price. Due to a change in the internal reporting methodology, data have been revised from previous years. <sup>4</sup> ICE Futures Canada, formerly Winnipeg Commodity Exchange Inc., trades agricultural commodity futures contracts and options on futures contracts which include canola, feed wheat and western barley. ICE Clear Canada acts as clearing house and guarantor to all exchange-traded derivatives

**Table 22**  
**Number of direct participants in CSDs**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>CDS<sup>1</sup></b>					
Total number of participants	95	100	103	98	97
<i>central bank</i>	<i>nav</i>	1	1	1	1
<i>central counterparties (CCPs)</i>	<i>nav</i>	1	1	1	2
<i>central securities depositories</i>	<i>nav</i>	2	2	3	3
<i>banks</i>	<i>nav</i>	11	11	11	11
<i>other</i>	<i>nav</i>	85	88	82	80
Number of domestic participants	<i>nav</i>	97	100	94	93
<i>central bank</i>	<i>nav</i>	1	1	1	1
<i>central counterparties (CCPs)</i>	<i>nav</i>	1	1	1	2
<i>central securities depositories</i>	<i>nav</i>	0	0	0	0
<i>banks</i>	<i>nav</i>	11	11	11	11
<i>other</i>	<i>nav</i>	84	87	81	79
Number of foreign participants	<i>nav</i>	3	3	4	4
<i>central bank</i>	<i>nav</i>	0	0	0	0
<i>central counterparties (CCPs)</i>	<i>nav</i>	0	0	0	0
<i>central securities depositories</i>	<i>nav</i>	2	2	3	3
<i>banks</i>	<i>nav</i>	0	0	0	0
<i>other</i>	<i>nav</i>	1	1	1	1

<sup>1</sup> The Canadian Depository for Securities Ltd. (CDS) is owned by major Canadian commercial banks, by members of the Investment Industry Regulatory Association of Canada (IIROC), and the TMX Group. CDS provides two main services: a depository service and a securities clearing and settlement system, CDSX. CDS also offers central counterparty services through its Continuous Net Settlement (CNS) and FINet functions.

**Table 23**  
**Number of securities held on accounts at CSDs**  
*(thousands, end of year)*

	2005	2006	2007	2008	2009
<b>CDS<sup>1</sup></b>					
Total number of securities held	<i>nav</i>	88.31	77.98	77.44	76.37
debt securities	<i>nav</i>	38.30	36.92	35.70	34.08
<i>short-term paper</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>bonds</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
equity	<i>nav</i>	50.01	41.06	41.74	42.29

<sup>1</sup> The Canadian Depository for Securities Ltd. (CDS) is owned by major Canadian commercial banks, by members of the Investment Industry Regulatory Association of Canada (IIROC), and the TMX Group. CDS provides two main services: a depository service and a securities clearing and settlement system, CDSX. CDS also offers central counterparty services through its Continuous Net Settlement (CNS) and FINet functions.

**Table 24****Value of securities held on accounts at CSDs***(CAD billions, end of year)*

	2005	2006	2007	2008	2009
<b>CDS<sup>1</sup></b>					
Total value of securities held	2,830.0	3,179.8	3,343.6	2,918.8	3,389.1
debt securities	nav	1,487.8	1,806.9	1,952.0	1,988.7
<i>short-term paper</i>	nav	nav	nav	nav	nav
<i>bonds</i>	nav	nav	nav	nav	nav
equity	nav	1,692.0	1,536.7	966.8	1,400.4

<sup>1</sup> The Canadian Depository for Securities Ltd. (CDS) is owned by major Canadian commercial banks, by members of the Investment Industry Regulatory Association of Canada (IIROC), and the TMX Group. CDS provides two main services: a depository service and a securities clearing and settlement system, CDSX. CDS also offers central counterparty services through its Continuous Net Settlement (CNS) and FINet functions.

**Table 25****Number of delivery instructions processed***(thousands, total for the year)*

	2005	2006	2007	2008	2009
<b>CDS<sup>1</sup></b>					
Total number of delivery instructions	66,009.2	101,449.6	138,640.4	207,084.3	258,603.5
DVP	66,009.2	101,449.6	138,640.4	207,084.3	258,603.5
debt securities	2,805.5	3,199.0	3,445.6	3,469.5	3,695.7
<i>short-term paper</i>	nav	nav	nav	nav	nav
<i>bonds</i>	nav	nav	nav	nav	nav
equity	63,203.7	98,250.6	135,194.9	203,614.8	254,907.8
free of payment	nap	nap	nap	nap	nap

<sup>1</sup> The Canadian Depository for Securities Ltd. (CDS) is owned by major Canadian commercial banks, by members of the Investment Industry Regulatory Association of Canada (IIROC), and the TMX Group. CDS provides two main services: a depository service and a securities clearing and settlement system, CDSX. CDS also offers central counterparty services through its Continuous Net Settlement (CNS) and FINet functions.

**Table 26****Value of delivery instructions processed***(CAD billions, total for the year)*

	2005	2006	2007	2008	2009
<b>CDS<sup>1</sup></b>					
Total value of delivery instructions	49,878.5	60,772.8	61,509.8	61,391.3	67,227.2
DVP	49,878.5	60,772.8	61,509.8	61,391.3	67,227.2
debt securities	47,036.1	56,995.6	56,959.0	56,659.9	63,476.4
<i>short-term paper</i>	nav	nav	nav	nav	nav
<i>bonds</i>	nav	nav	nav	nav	nav
equity	2,842.4	3,777.2	4,550.8	4,731.4	3,750.8
free of payment	nap	nap	nap	nap	nap

<sup>1</sup> The Canadian Depository for Securities Ltd. (CDS) is owned by major Canadian commercial banks, by members of the Investment Industry Regulatory Association of Canada (IIROC), and the TMX Group. CDS provides two main services: a depository service and a securities clearing and settlement system, CDSX. CDS also offers central counterparty services through its Continuous Net Settlement (CNS) and FINet functions. Where transactions were denominated in US dollars, the average annual exchange rate was used in converting to Canadian dollars.

**Table 1**  
**Basic statistical data**

	2005	2006	2007	2008	2009
Population (millions) <sup>1</sup>	1,304	1,311	1,318	1,325	1,331
GDP (CNY billions)	18,321.7	21,192.4	25,730.6	31,404.5	33,535.3
GDP per capita (CNY)	14,053	16,165	19,524	23,708	25,188
Consumer price inflation (%) <sup>1</sup>	1.8	1.5	4.8	5.9	-0.7
Exchange rate (CNY/USD):					
<i>end of year</i>	8.0702	7.8087	7.3046	6.8346	6.8282
<i>average</i>	8.0759	7.8238	7.3676	6.8424	6.8279

<sup>1</sup> Yearly average.

**Table 2**  
**Settlement media used by non-banks**  
(CNY billions, end of year)

	2005	2006	2007	2008	2009
Notes and coin in circulation outside banks	2,403.2	2,707.3	3,033.4	3,421.9	3,824.6
Value of transferable deposits <sup>1</sup>	8,324.7	9,896.3	12,218.5	13,199.8	18,175.6
Narrow money supply (M1) <sup>2</sup>	10,727.9	12,603.5	15,251.9	16,621.7	22,000.2
<i>Memo:</i>					
Transferable deposits in foreign currencies	nav	nav	nav	nav	nav
Outstanding value on e-money storages	nav	nav	nav	nav	nav

<sup>1</sup> Demand deposits. <sup>2</sup> Notes and coin in circulation plus sight and other transactions deposits.

**Table 3****Settlement media used by banks***(CNY billions, average for December)*

	2005	2006	2007	2008	2009
Transferable balances held at the central bank <sup>1</sup>	3,777.3	4,816.5	6,790.7	9,101.9	10,126.7
<i>required reserves</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>free reserves</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Transferable balances held at other banks	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>Memo:</i>					
Credit extended by the central bank:					
<i>intraday</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>overnight</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>longer refinancing operations (repos)</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>

<sup>1</sup> Deposits with central bank.**Table 4****Banknotes and coin***(CNY billions, end of year)*

	2005	2006	2007	2008	2009
Total banknotes and coin issued	2,572.3	2,900.6	3,283.7	3,698.0	4,141.9
Total banknotes issued	2,544.4	2,869.3	3,248.0	3,656.8	4,096.1
<i>CNY 100</i>	2,210.1	2,540.6	2,901.4	3,267.9	3,666.3
<i>CNY 50</i>	139.8	122.9	114.8	125.5	143.8
<i>CNY 20</i>	44.0	39.6	46.4	55.1	63.0
<i>CNY 10</i>	80.0	88.9	98.2	110.8	118.9
<i>CNY 5</i>	34.7	39.7	46.1	51.9	54.0
<i>CNY 2</i>	4.4	4.1	4.0	4.0	3.9
<i>CNY 1</i>	21.1	23.1	26.1	29.7	32.9
<i>CNY 0.5</i>	4.6	4.9	5.3	6.1	6.9
<i>CNY 0.2</i>	2.3	2.2	2.2	2.2	2.2
<i>CNY 0.1</i>	2.8	2.8	2.8	3.0	3.7
<i>CNY 0.05</i>	0.2	0.2	0.2	0.2	0.2
<i>CNY 0.02</i>	0.2	0.2	0.2	0.2	0.2
<i>CNY 0.01</i>	0.3	0.3	0.3	0.3	0.3
Total coin issued	27.9	31.3	35.7	41.2	45.8
<i>CNY 1</i>	17.6	19.5	22.0	25.3	28.4
<i>CNY 0.50</i>	5.4	6.2	7.2	8.5	9.6
<i>CNY 0.10</i>	0.0	0.0	0.0	0.0	0.0
<i>CNY 0.05</i>	3.4	4.1	5.0	5.8	6.3
<i>CNY 0.02</i>	0.6	0.7	0.7	0.7	0.7
<i>CNY 0.01</i>	0.6	0.6	0.6	0.6	0.6
<i>CNY 0.05</i>	0.3	0.3	0.3	0.3	0.3
Banknotes and coin held by banks	169.1	193.4	250.3	276.1	317.3
Banknotes and coin in circulation outside banks	2,403.2	2,707.3	3,033.4	3,421.9	3,824.6



**Table 5**  
**Institutions offering payment services to non-banks**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>Central bank</b>					
Number of branches or offices <sup>1</sup>	2,115	2,123	2,110	2,110	2,110
Number of accounts, all	nav	nav	nav	nav	nav
Value of accounts	nav	nav	nav	nav	nav
<b>Banks</b>					
Number of institutions	28,024	19,809	8,876	5,634	3,858
Number of branches or offices	nav	183,897	189,921	193,351	192,971
Number of accounts	nav	nav	nav	nav	nav
Value of accounts	nav	nav	nav	nav	nav
<b>Branches of foreign banks</b>					
Number of institutions	nav	74	117	116	95
Number of branches or offices	207	224	274	311	338
Value of accounts	nav	nav	nav	nav	nav
<b>Institutions offering payment services to non-banks (total)</b>					
Number of institutions	28,025	19,810	8,877	5,635	3,859
Number of branches or offices	nav	186,020	192,031	195,461	195,081
Number of accounts held by non-banks	nav	nav	nav	nav	nav
Value of accounts held by non-banks	nav	nav	nav	nav	nav
<i>Memo:</i>					
<b>Electronic money institutions</b>					
Number of institutions	nav	nav	nav	nav	nav
Outstanding value on e-money storages issued by e-money institutions	nav	nav	nav	nav	nav

<sup>1</sup> Includes Shanghai head office, regional branches and operations offices, sub-branches and operations offices, sub-branches in provincial capital cities, sub-branches in quasi province-level cities and county-level sub-branches.

**Table 6**  
**Payment card functions and accepting devices**  
*(thousands, end of year)*

	2005	2006	2007	2008	2009
<b>Cards issued in the country</b>					
Cards with a cash function <sup>1</sup>	nav	1,126,842	1,498,600	1,800,389	2,065,944
Cards with a debit function <sup>2</sup>	nav	1,076,205	1,408,337	1,658,060	1,880,388
Cards with a delayed debit function	nap	nap	nap	nap	nap
Cards with a credit function <sup>3</sup>	nav	50,637	90,263	142,329	185,556
Cards with an e-money function	nap	nap	nap	nap	nap
Total number of cards (irrespective of the number of functions on the card)	nav	1,126,842	1,498,600	1,800,389	2,065,944
<i>of which: cards with a combined debit, cash and e-money function</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
<i>Memo:</i>					
Retailer cards	nav	nav	nav	nav	nav
<b>Terminals located in the country</b>					
ATMs <sup>4</sup>	nav	101	128	167	215
<i>ATMs with a cash withdrawal function</i>	<i>nav</i>	<i>101</i>	<i>128</i>	<i>167</i>	<i>215</i>
<i>ATMs with a credit transfer function</i>	<i>nav</i>	<i>101</i>	<i>128</i>	<i>167</i>	<i>215</i>
POS terminals	nav	818	1,181	1,845	2,273
<i>EFTPOS terminals</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
E-money card terminals	nap	nap	nap	nap	nap

<sup>1</sup> All bank cards issued by banking financial institutions have a cash function. <sup>2</sup> Bank cards issued by banking financial institutions with functions of transfer clearing and access to cash. <sup>3</sup> Bank cards issued by banking financial institutions with functions of consumer credit, transfer clearing and access to cash. Includes quasi-credit cards. <sup>4</sup> All ATMs have both a withdrawal function and a credit transfer function.

**Table 7**  
**Indicators of the use of payment instruments and terminals by non-banks: volume of transactions**  
*(millions, total for the year)*

	2005	2006	2007	2008	2009
<b>Transactions per type of payment instrument</b>					
Credit transfers	nav	629.2	687.3	740.3	818.2
<i>paper-based</i>	nav	nav	nav	nav	nav
<i>non-paper-based</i>	nav	nav	nav	nav	nav
Direct debits	nav	nav	nav	nav	nav
Card payments with cards issued in the country	nav	1,062.4	1,741.1	2,645.3	3,491.2
<i>payments by cards with a debit function</i>	nav	nav	nav	nav	nav
<i>payments by cards with a delayed debit function</i>	nap	nap	nap	nap	nap
<i>payments by cards with a credit function</i>	nav	nav	nav	nav	nav
E-money payment transactions	nap	nap	nap	nap	nap
Cheques	nav	1,189.3	977.7	882.3	875.5
Other payment instruments	nav	nav	nav	nav	nav
Total number of transactions with payment instruments	nav	2,880.8	3,406.1	4,267.9	5,185.0
<i>of which: cross-border transactions sent</i>	nav	nav	nav	nav	nav
<i>Memo:</i>					
Cross-border transactions received					
<b>Transactions per type of terminal</b>					
Total transactions at terminals in the country					
Cash transactions	nav	3,200.7	4,072.0	5,174.5	6,357.8
<i>ATM cash withdrawals</i>	nav	3,200.7	4,072.0	5,174.5	6,357.8
<i>ATM cash deposits</i>	nav	nav	nav	nav	nav
POS payment transactions	nav	1,062.4	1,741.1	2,645.3	3,491.2
E-money card loading/unloading transactions	nap	nap	nap	nap	nap
E-money card payment transactions	nap	nap	nap	nap	nap

**Table 8**  
**Indicators of the use of payment instruments and terminals by non-banks: value of transactions**  
*(CNY billions, total for the year)*

	2005	2006	2007	2008	2009
<b>Transactions per type of payment instrument</b>					
Credit transfers	nav	171,709.1	235,590.6	246,798.9	270,190.8
<i>paper-based</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>non-paper-based</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Direct debits	nav	nav	nav	nav	nav
Card payments with cards issued in the country	nav	1,890.0	2,993.8	3,947.4	6,861.3
<i>payments by cards with a debit function</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>payments by cards with a delayed debit function</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
<i>payments by cards with a credit function</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
E-money payment transactions	nap	nap	nap	nap	nap
Cheques	nav	223,658.1	236,431.2	251,353.5	270,033.5
Other payment instruments	nav	nav	nav	nav	nav
Total value of transactions with payment instruments	nav	397,257.2	475,015.6	502,099.8	547,085.6
<i>of which: cross-border transactions sent</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>Memo:</i>					
Cross-border transactions received	nav	nav	nav	nav	nav
<b>Transactions per type of terminal</b>					
Total transactions at terminals in the country					
Cash transactions	nav	2,426.0	3,763.8	5,269.0	6,721.5
<i>ATM cash withdrawals</i>	<i>nav</i>	<i>2,426.0</i>	<i>3,763.8</i>	<i>5,269.0</i>	<i>6,721.5</i>
<i>ATM cash deposits</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
POS payment transactions	nap	1,890.0	2,993.8	3,947.4	6,861.3
E-money card loading/unloading transactions	nap	nap	nap	nap	nap
E-money card payment transactions	nap	nap	nap	nap	nap

**Table 9**  
**Participation in selected interbank funds transfer systems**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>Large-value payment systems</b>					
<b>HVPS</b>					
Number of participants	54,811	61,276	70,589	80,516	89,028
Direct participants	1,351	1,410	1,494	1,584	1,664
Banks	629	677	757	835	909
Central bank	675	677	677	678	678
Other direct participants	47	56	60	71	77
<i>General government</i>	0	0	0	0	0
<i>Postal institution</i> <sup>1</sup>	1	1	0	0	0
<i>Clearing and settlement organisations</i>	1	2	7	12	14
<i>Other financial institutions</i> <sup>2</sup>	38	44	44	50	53
<i>Other</i>	7	9	9	9	10
Indirect participants	53,460	59,866	69,095	78,932	87,364
<b>Retail payment systems</b>					
<b>BEPS</b>					
Number of participants	nap	61,131	70,444	80,371	88,882
Direct participants	nap	1,408	1,492	1,582	1,661
Banks	nap	677	757	835	909
Central bank	nap	677	677	678	678
Other direct participants	nap	54	58	69	74
<i>General government</i>	nap	0	0	0	0
<i>Postal institution</i>	nap	1	0	0	0
<i>Clearing and settlement organisations</i>	nap	2	7	12	14
<i>Other financial institutions</i>	nap	42	42	48	50
<i>Other</i>	nap	9	9	9	10
Indirect participants	nap	59,723	68,952	78,789	87,221

<sup>1</sup> Postal institution is not considered as a bank before 2007. <sup>2</sup> Including urban credit cooperatives and rural credit cooperatives.

**Table 10**  
**Payments processed by selected interbank funds transfer systems: volume of transactions**  
*(millions, total for the year)*

	2005	2006	2007	2008	2009
<b>Large-value and retail payment systems</b>					
<b>HVPS</b>					
Total transactions sent	73.70	141.81	171.88	214.07	248.02
Concentration ratio in terms of volume (%) <sup>1</sup>	63.7	62.5	61.7	62.0	61.0
<b>Retail payment systems</b>					
<b>BEPS<sup>2</sup></b>					
Total transactions sent	nap	24.8	87.2	140.7	225.8
Concentration ratio in terms of volume (%)	nap	72.3	66.4	63.1	63.2

<sup>1</sup> Data from July 2005. <sup>2</sup> Data from July 2006.

**Table 11**  
**Payments processed by selected interbank funds transfer systems: value of transactions**  
*(CNY billions, total for the year)*

	2005	2006	2007	2008	2009
<b>Large-value and retail payment systems</b>					
<b>HVPS</b>					
Total transactions sent	111,773.8	275,897.5	532,905.5	640,232.0	803,947.5
Concentration ratio in terms of value (%) <sup>1</sup>	59.4	58.3	54.9	46.2	46.9
<b>Retail payment systems</b>					
<b>BEPS<sup>2</sup></b>					
Total transactions sent	nap	707.9	21,988.4	5,118.2	11,461.7
Concentration ratio in terms of value (%)	nap	89.5	98.6	66.5	59.0

<sup>1</sup> Data from July 2005. <sup>2</sup> Data from July 2006.

**Table 12**  
**Participation in SWIFT by domestic institutions**  
*(end of year)*

	2005	2006	2007	2008	2009
Members	37	37	40	40	40
<i>of which: live</i>	37	37	40	40	40
Sub-members	93	101	106	114	112
<i>of which: live</i>	92	98	103	112	109
Participants	51	63	73	85	97
<i>of which: live</i>	51	61	72	84	94
Total users	181	201	219	239	249
<i>of which: live</i>	180	196	215	236	243
<i>Memo:</i>					
Total SWIFT users	7,888	8,105	8,332	8,830	9,281
<i>members</i>	2,231	2,288	2,276	2,276	2,356
<i>sub-members</i>	3,077	3,120	3,212	3,305	3,306
<i>participants</i>	2,580	2,697	2,844	3,249	3,619

Source: SWIFT.

**Table 13**  
**SWIFT message flows to/from domestic users**  
*(thousands, total for the year)*

	2005	2006	2007	2008	2009
Total messages sent	14,609	15,393	18,398	20,966	21,702
<i>of which:</i>					
<i>category I</i>	6,798	7,342	8,837	9,968	9,487
<i>category II</i>	2,902	2,473	2,537	2,812	2,819
Total messages received	37,099	42,094	48,477	51,822	49,108
<i>of which:</i>					
<i>category I</i>	17,380	19,847	23,241	25,655	24,360
<i>category II</i>	5,699	5,945	6,430	6,382	5,894
Domestic traffic	5,030	4,334	5,131	5,498	4,373
<i>Memo:</i>					
Global SWIFT traffic	2,518,285	2,864,537	3,501,163	3,854,576	3,760,314

Source: SWIFT.

**Table 14**  
**Number of participants in exchanges and trading systems**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>Shanghai Stock Exchange</b>					
Total number of participants	213	232	225	193	193
<i>central bank</i>	0	0	0	0	0
<i>central counterparties (CCPs)</i>	0	0	0	0	0
<i>banks</i>	0	0	0	0	0
<i>other</i>	213	232	225	193	193
Number of domestic participants	213	232	225	193	193
<i>central bank</i>	0	0	0	0	0
<i>central counterparties (CCPs)</i>	0	0	0	0	0
<i>banks</i>	0	0	0	0	0
<i>other</i>	213	232	225	193	193
Number of foreign participants	0	0	0	0	0
<b>Shenzhen Stock Exchange</b>					
Total number of participants	177	176	123	124	114
<i>central bank</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>central counterparties (CCPs)</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>banks</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>other</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Number of domestic participants	177	176	123	124	114
<i>central bank</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>central counterparties (CCPs)</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>banks</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>other</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Number of foreign participants <sup>1</sup>	0	0	0	0	0

<sup>1</sup> In China, foreign participants are requested to submit orders to the trading system through domestic agents instead of submitting directly by themselves. Therefore, the number of foreign participants is counted as 0.



**Table 15**  
**Number of listed securities**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>Shanghai Stock Exchange</b>					
Total number of listed securities	1,073	1,126	1,125	1,184	1,351
debt securities	165	196	198	246	411
<i>bonds</i>	165	196	198	246	411
equity	904	912	921	924	932
other <sup>1</sup>	4	18	6	14	8
<b>Shenzhen Stock Exchange</b>					
Total number of listed securities	672	735	840	937	1,128
debt securities	80	93	101	131	237
<i>bonds</i>	80	93	101	131	237
equity	589	634	732	803	890
other <sup>1</sup>	3	8	7	3	1

<sup>1</sup> Includes ETFs, funds and warrants.

**Table 16**  
**Market capitalisation of listed companies**  
*(CNY billions, end of year)*

	2005	2006	2007	2008	2009
<b>Shanghai Stock Exchange</b>					
Total market capitalisation/equity	2,309.61	7,161.24	26,983.89	9,725.19	18,465.52
<b>Shenzhen Stock Exchange</b>					
Total market capitalisation/equity	934.99	1,782.90	5,745.24	2,428.91	5,944.87

**Table 17****Number of executed trades***(thousands, total for the year)*

	2005	2006	2007	2008	2009
<b>Shanghai Stock Exchange</b>					
Total number of executed securities trades	228,542	536,069	1,813,562	1,520,483	2,314,014
debt securities	3,188	1,577	1,433	3,160	3,172
<i>bonds</i>	3,188	1,577	1,433	3,160	3,172
equity	212,647	452,919	1,639,561	1,295,195	2,157,441
other <sup>1</sup>	12,707	81,573	172,568	222,128	153,401
Total number of executed derivatives trades	0	0	0	0	0
<b>Shenzhen Stock Exchange</b>					
Total number of executed securities trades	153,890	310,170	956,039	713,755	1,288,425
debt securities	259	199	301	645	883
<i>bonds</i>	259	199	301	645	883
equity	148,663	274,406	840,258	658,048	1,256,007
other <sup>1</sup>	4,967	35,565	115,480	55,063	31,535
Total number of executed derivatives trades	0	0	0	0	0

<sup>1</sup> Includes ETFs, funds and warrants.**Table 18****Value of executed trades***(CNY billions, total for the year)*

	2005	2006	2007	2008	2009
<b>Shanghai Stock Exchange</b>					
Total value of executed securities trades	4,978	9,191	38,003	27,184	44,187
debt securities	2,814	1,813	2,040	2,809	3,981
<i>bonds</i>	2,814	1,813	2,040	2,809	3,981
equity	1,982	5,884	30,973	18,413	35,306
other <sup>1</sup>	182	1,494	4,989	5,962	4,901
Total value of executed derivatives trades	0	0	0	0	0
<b>Shenzhen Stock Exchange</b>					
Total value of executed securities trades	1,328	3,874	18,765	9,939	19,873
debt securities	23	15	27	51	83
<i>bonds</i>	23	15	27	51	83
equity	1,242	3,265	15,512	8,668	18,947
other <sup>1</sup>	62	594	3,226	1,219	843
Total value of executed derivatives trades	0	0	0	0	0

<sup>1</sup> Includes ETFs, funds and warrants.

**Table 19**  
**Number of clearing members**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>SD&amp;C</b>					
Total number of clearing members	281	279	273	262	258
<i>central bank</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>central counterparties (CCPs)</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>banks</i>	21	21	21	21	24
<i>other</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Number of domestic clearing members	216	214	209	198	194
<i>central bank</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>central counterparties (CCPs)</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>banks</i>	16	16	16	16	19
<i>other</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Number of foreign clearing members <sup>1</sup>	65	65	64	64	64
<i>central bank</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>central counterparties (CCPs)</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>banks</i>	5	5	5	5	5
<i>other</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>

<sup>1</sup> Foreign clearing members only participate in SD&C's clearing services for B share market. For B share market, foreign entities such as brokers or banks conduct trading activities via domestic brokers as their agents, therefore they are not regarded as direct trading members of the stock exchanges. However, these foreign entities settle their trades directly with SD&C according to the relevant business rules of SD&C.

**Table 20**  
**Number of contracts and transactions cleared**  
*(millions, total for the year)*

	2005	2006	2007	2008	2009
<b>SD&amp;C</b>					
Total number of contracts and transactions cleared	384	885	2,846	2,248	3,659
Number of securities transactions cleared	384	885	2,846	2,248	3,659
debt securities	nav	nav	nav	nav	nav
equity	383	884	2,846	2,247	3,658
other	nav	nav	nav	nav	nav
<i>of which: number of repurchase transactions cleared</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
Number of exchange-traded derivatives contracts cleared	nap	nap	nap	nap	nap
Number of OTC derivatives contracts cleared	nap	nap	nap	nap	nap

**Table 21**  
**Value of contracts and transactions cleared**  
*(CNY billions, total for the year)*

	2005	2006	2007	2008	2009
<b>SD&amp;C</b>					
Total value of contracts and transactions cleared	6,298.9	13,059.8	57,100.7	37,411.6	63,878.5
Value of securities transactions cleared	6,298.9	13,059.8	57,100.7	37,411.6	63,878.5
debt securities	nav	nav	nav	nav	nav
equity	3,936.8	11,511.1	55,266.2	34,984.7	60,331.0
other	nav	nav	nav	nav	nav
<i>of which: value of repurchase transactions cleared</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
Value of exchange-traded derivatives contracts cleared	nap	nap	nap	nap	nap
Value of OTC derivatives contracts cleared	nap	nap	nap	nap	nap

**Table 22**  
**Number of direct participants in CSDs**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>SD&amp;C</b>					
Total number of participants	nav	nav	nav	nav	nav
<b>CDC Depository and Settlement System</b>					
Total number of participants <sup>1</sup>	6,569	6,429	7,080	8,291	9,247
<i>central bank</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>central counterparties (CCPs)</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>central securities depositories</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>banks</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>other</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Number of domestic participants	nav	nav	nav	nav	nav
Number of foreign participants	nav	nav	nav	nav	nav

<sup>1</sup> According to the definition of direct participants in the Red Book, the system of SD&C is a non-tiered system. SD&C operates all the account of (private) customers directly on behalf of securities companies and custodian banks. Securities companies and custodian banks do not operate their customers' accounts in SD&C's system. They are therefore not regarded as 'depository participants' as other tiered systems often are.

**Table 23****Number of securities held on accounts at CSDs***(thousands, end of year)*

	2005	2006	2007	2008	2009
<b>SD&amp;C</b>					
Total number of securities held	1.680	1.760	1.850	1.940	2.240
debt securities	nav	nav	nav	nav	nav
equity	nav	nav	nav	nav	nav
other	nav	nav	nav	nav	nav
<b>CDC Depository and Settlement System</b>					
Total number of securities held	0.514	0.760	0.936	1.123	1.436
debt securities	0.512	0.757	0.933	1.120	1.432
<i>short-term paper</i>	0.074	0.228	0.256	0.259	0.259
<i>bonds</i>	0.438	0.529	0.677	0.861	1.173
equity	0	0	0	0	0
other	0.002	0.003	0.003	0.003	0.004

**Table 24****Value of securities held on accounts at CSDs***(CNY billions, end of year)*

	2005	2006	2007	2008	2009
<b>SD&amp;C</b>					
Total value of securities held	3,718.7	9,541.6	33,323.6	12,535.8	25,213.4
debt securities	nav	nav	nav	nav	nav
equity	nav	nav	nav	nav	nav
other	nav	nav	nav	nav	nav
<b>CDC Depository and Settlement System</b>					
Total value of securities held <sup>1</sup>	72,592.1	92,452.1	123,338.6	151,102.3	175,294.7
debt securities	nav	nav	nav	nav	nav
equity	nav	nav	nav	nav	nav
other	nav	nav	nav	nav	nav

<sup>1</sup> Total value of securities equals the total number of securities multiplied by the market price of the relevant securities at the end of year.

**Table 25****Number of delivery instructions processed***(millions, total for the year)*

	2005	2006	2007	2008	2009
<b>SD&amp;C</b>					
Total number of delivery instructions	734.3	1,468.7	4,985.4	3,916.5	7,069.6
DVP	nav	nav	nav	nav	nav
free of payment	nav	nav	nav	nav	nav
<b>CDC Depository and Settlement System</b>					
Total number of delivery instructions	132.4	147.7	141.5	212.1	271.6
DVP	nav	nav	nav	nav	nav
free of payment	nav	nav	nav	nav	nav

**Table 26****Value of delivery instructions processed***(CNY billions, total for the year)*

	2005	2006	2007	2008	2009
<b>SD&amp;C</b>					
Total value of delivery instructions	17,454.0	23,098.3	98,501.1	64,452.3	131,996.9
DVP	nav	nav	nav	nav	nav
free of payment	nav	nav	nav	nav	nav
<b>CDC Depository and Settlement System</b>					
Total value of delivery instructions	6,344.5	10,936.9	16,595.2	40,830.0	48,874.5
DVP	nav	nav	nav	nav	nav
free of payment	nav	nav	nav	nav	nav





**Table 1**  
**Basic statistical data**

	2005	2006	2007	2008	2009
Population (thousands) <sup>1</sup>	322,517	324,232	326,137	327,908	329,109
GDP (EUR billions)	8,150.5	8,560.4	9,018.0	9,247.1	8,956.0
GDP per capita (EUR)	25,272	26,402	27,651	28,200	27,213
Consumer price inflation (%) <sup>1, 2</sup>	2.2	2.2	2.1	3.3	0.3
Exchange rate (EUR/USD):					
<i>end of year</i>	0.8477	0.7593	0.6793	0.7185	0.6942
<i>average</i>	0.8051	0.7972	0.7308	0.6835	0.7190

For the period under review, euro area member countries are Austria, Belgium, Finland, France, Germany, Greece, Ireland, Italy, Luxembourg, the Netherlands, Portugal and Spain; Slovenia became a member on 1 January 2007; Cyprus and Malta became members on 1 January 2008.

<sup>1</sup> Yearly average. <sup>2</sup> Harmonised index (HICP), annual percentage changes.

Source: ECB.

**Table 2**  
**Settlement media used by non-MFIs**  
(EUR billions, end of year)

	2005	2006	2007	2008	2009
Notes and coin in circulation outside MFIs	532.74	592.08	638.44	722.75	769.87
Value of overnight deposits held by non-MFIs <sup>1</sup>	3,042.52	3,321.88	3,433.06	3,545.16	4,042.40
Narrow money supply (M1) <sup>2</sup>	3,482.14	3,758.57	3,901.17	4,035.74	4,559.56
<i>Memo:</i>					
Overnight deposits in foreign currencies held by non-MFIs	137.51	187.45	218.98	229.53	227.07
Outstanding value on e-money storages issued	0.49	0.73	0.69	1.18	1.73
<i>on card-based products</i>	0.49	0.73	0.68	0.69	1.07
<i>on software- or network-based products</i>	0.01	0.01	0.01	0.49	0.67

<sup>1</sup> Held at Monetary Financial Institutions (MFIs), to the exclusion of other institutions offering payment services to non-MFIs. The counterpart sector "non-MFIs" includes the component sectors "Central government" and "Rest of the world". The indicator is not synonymous with the same term used in the ECB concept of M1. <sup>2</sup> Cannot be calculated from the above two items in this table (see also footnote 1).

Source: ECB.

**Table 4****Banknotes and coin***(EUR millions, end of year)*

	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>
Total banknotes and coin issued	582,661.0	647,042.0	697,014.2	784,660.9	829,280.6
Total banknotes issued	565,217.3	628,242.1	676,621.3	762,774.8	806,411.5
<i>EUR 500</i>	185,171.8	209,690.8	226,325.9	265,032.2	281,891.2
<i>EUR 200</i>	29,754.7	30,564.8	31,137.2	34,019.2	35,647.3
<i>EUR 100</i>	101,844.2	111,641.3	120,933.0	138,101.5	147,186.1
<i>EUR 50</i>	181,216.0	203,880.4	222,111.7	245,586.8	259,972.0
<i>EUR 20</i>	43,193.5	46,731.4	49,353.5	52,358.3	53,804.2
<i>EUR 10</i>	17,613.6	19,005.1	19,654.6	20,298.7	20,422.8
<i>EUR 5</i>	6,423.3	6,728.2	7,105.4	7,378.1	7,487.9
Total coin issued	16,705.8	17,945.1	19,312.7	20,404.1	21,316.2
<i>EUR 2</i>	6,597.3	7,032.7	7,621.3	8,066.8	8,528.8
<i>EUR 1</i>	4,909.9	5,316.0	5,717.6	6,015.1	6,184.3
<i>EUR 0.50</i>	2,121.3	2,227.7	2,328.6	2,417.6	2,502.5
<i>EUR 0.20</i>	1,357.7	1,466.7	1,571.0	1,667.1	1,733.0
<i>EUR 0.10</i>	840.8	919.3	992.7	1,059.7	1,106.1
<i>EUR 0.05</i>	507.0	564.3	617.9	668.8	710.9
<i>EUR 0.02</i>	232.5	260.2	287.9	315.6	340.0
<i>EUR 0.01</i>	139.4	158.1	175.8	193.4	210.6
Banknotes and coins held by MFIs	49,923.0	54,961.0	58,573.7	61,915.9	59,409.1
Banknotes and coins in circulation outside MFIs	532,738.0	592,081.0	638,440.5	722,745.0	769,871.5

Source: ECB.

**Table 9**  
**Participation in selected interbank funds transfer systems**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>Large-value payment systems</b>					
<b>TARGET<sup>1</sup></b>					
Number of participants <sup>2</sup>	10,198	10,293	4,736	4,558	4,532
Direct participants	1,059	1,074	1,053	935	981
Banks	984	1,001	971	856	886
Central bank	16	18	23	19	25
Other direct participants	59	55	59	60	70
<i>General government</i>	6	6	6	7	8
<i>Postal institution</i>	4	3	3	2	2
<i>Clearing and settlement organisations</i>	21	23	25	32	39
<i>Other financial institutions</i>	27	22	21	17	17
<i>Other</i>	1	1	4	5	7
Indirect participants <sup>2</sup>	9,158	9,238	3,696	3,623	3,551
<b>EURO1 / STEP1</b>					
Number of participants	267	303	312	316	283
Direct participants	267	303	312	316	283
Banks	261	296	305	309	276
Central bank	6	7	7	7	7
Other direct participants	0	0	0	0	0
Indirect participants	0	0	0	0	0
<b>STEP2 XCT Service<sup>3</sup></b>					
Number of participants	1,625	1,728	1,792	1,802	1,817
Direct participants	97	107	108	106	105
Banks	91	100	101	98	98
Central bank	6	7	7	7	7
Other direct participants	0	0	0	0	0
<i>Postal institution</i>	0	0	0	1	1
Indirect participants	1,528	1,621	1,684	1,696	1,712
<b>STEP2 ICT Service<sup>4</sup></b>					
Number of participants	nav	nav	57	65	78
Direct participants	nav	nav	9	8	7
Banks	nav	nav	9	8	7
Central bank	nav	nav	0	0	0
Other direct participants	nav	nav	0	0	0
Indirect participants	nav	nav	48	57	71
<b>STEP2 SCT Service<sup>5</sup></b>					
Number of participants	nav	nav	nav	4,138	4,472
Direct participants	nav	nav	nav	114	117
Banks	nav	nav	nav	103	107
Central bank	nav	nav	nav	8	7
Other direct participants	nav	nav	nav	0	0
<i>Postal institution</i>	nav	nav	nav	3	3
Indirect participants	nav	nav	nav	4,024	4,355

<sup>1</sup> ARTIS (Austria), ELLIPS (Belgium), KRONOS Euro (Denmark), BOF-RTGS (Finland), TBF (France), RTGS<sup>plus</sup> (Germany), HERMES (Greece), IRIS (Ireland), BI-REL (Italy), LIPS-GROSS (Luxembourg), TOP (Netherlands), SORBNET Euro (Poland), SPGT (Portugal), SLBE (Spain), E-RIX (Sweden), CHAPS Euro (United Kingdom) and EPM (European Union). From 2008, includes also TARGET2 systems. <sup>2</sup> Excludes indirect participants in CHAPS Euro, for which data are not available. <sup>3</sup> STEP2 XCT Service commenced settlement transactions on 29 April 2003. <sup>4</sup> STEP2 ICT Service commenced settlement transactions in November 2006. Data are available from 2007 onwards. <sup>5</sup> STEP2 SCT Service became operational on 28 January 2008.

Source: ECB.

**Table 10****Payments processed by selected interbank funds transfer systems: volume of transactions***(millions, total for the year)*

	2005	2006	2007	2008	2009
<b>Large-value payment systems</b>					
<b>TARGET</b>					
Total transactions sent <sup>1</sup>	76.32	83.36	99.07	89.03	87.60
Intra-member state	58.71	64.36	78.27	65.12	62.01
Inter-member state	17.60	19.00	20.80	23.90	26.00
Concentration ratio in terms of volume (%)	22.6	23.8	21.4	nav	nav
<b>EURO1 / STEP1</b>					
Total transactions sent	46.41	47.73	54.35	64.19	58.29
Credit transfers	46.30	47.63	54.24	64.09	58.21
Direct debits	0.00	0.01	0.02	0.02	0.02
Other payment instruments	0.11	0.10	0.09	0.08	0.06
Concentration ratio in terms of volume (%)	26.2	28.7	30.5	29.8	30.7
<b>STEP2 XCT Service<sup>2</sup></b>					
Total transactions sent	45.55	65.98	91.31	73.17	54.24
Credit transfers	45.55	65.98	91.31	73.17	54.24
Concentration ratio in terms of volume (%)	33.7	29.6	27.0	29.5	34.9
<b>STEP2 ICT Service<sup>3</sup></b>					
Total transactions sent	nav	nav	220.5	265.2	286.9
Credit transfers	nav	nav	220.5	265.2	286.9
Concentration ratio in terms of volume (%)	nav	nav	91.9	96.2	99.3
<b>STEP2 SCT Service<sup>4</sup></b>					
Total transactions sent	nav	nav	nav	45.1	89.02
Credit transfers	nav	nav	nav	45.1	89.02
Concentration ratio in terms of volume (%)	nav	nav	nav	37.0	25.0

<sup>1</sup> May not equal the sum of components as some countries' figures have been reported as confidential. <sup>2</sup> STEP2 XCT Service commenced settlement transactions on 29 April 2003; 2003 data refer to the volume of transactions from 29 April to 31 December.

<sup>3</sup> STEP2 ICT Service commenced settlement transactions in November 2006. Data are available from 2007 onwards. <sup>4</sup> STEP2 SCT Service became operational on 28 January 2008.

Source: ECB.

**Table 11****Payments processed by selected interbank funds transfer systems: value of transactions***(EUR billions, total for the year)*

	2005	2006	2007	2008	2009
<b>Large-value payment systems</b>					
<b>TARGET</b>					
Total transactions sent <sup>1</sup>	494,092.4	539,528.5	674,996.8	611,134.5	530,942.0
Intra-member state	332,280.9	357,400.9	448,970.1	413,537.1	356,472.0
Inter-member state	161,811.6	182,127.6	226,026.7	196,748.3	180,934.2
Concentration ratio in terms of value (%)	19.9	18.8	20.4	16.0	nav
<b>EURO1 / STEP1</b>					
Total transactions sent	42,939.0	48,240.9	58,251.1	73,426.2	65,204.2
Credit transfers	42,932.2	47,498.8	56,357.5	69,414.0	60,686.3
Direct debits	4	739.3	1,890.7	4,009.5	4,515.8
Other payment instruments	2.3	2.8	3.0	2.7	2.2
Concentration ratio in terms of value (%)	45.0	45.7	46.1	45.4	46.7
<b>STEP2 XCT Service<sup>2</sup></b>					
Total transactions sent	104.4	267.6	360.9	314.9	224.2
Credit transfers	104.4	267.6	360.9	314.9	224.2
Concentration ratio in terms of value (%)	31.7	26.8	25.1	28.8	30.2
<b>STEP2 ICT Service<sup>3</sup></b>					
Total transactions sent	nav	nav	995.1	1,305.4	1,193.0
Credit transfers	nav	nav	995.1	1,305.4	1,193.0
Concentration ratio in terms of volume (%)	nav	nav	85.0	96.1	99.2
<b>STEP2 SCT Service<sup>4</sup></b>					
Total transactions sent	nav	nav	nav	294.8	518.4
Credit transfers	nav	nav	nav	294.8	518.4
Concentration ratio in terms of volume (%)	nav	nav	nav	29.6	22.5

<sup>1</sup> May not equal the sum of components as some countries' figures have been reported as confidential. <sup>2</sup> STEP2 XCT commenced settlement transactions on 29 April 2003; 2003 data refer to the value of transactions from 29 April to 31 December.

<sup>3</sup> STEP2 ICT Service commenced settlement transactions in November 2006. Data are available from 2007 onwards. <sup>4</sup> STEP2 SCT Service became operational on 28 January 2008.

Source: ECB.



**Table 1**  
**Basic statistical data**

	2005	2006	2007	2008	2009
Population (thousands) <sup>1</sup>	62,731	63,186	63,601	64,141	64,494
GDP (EUR billions)	1,726.1	1,806.4	1,895.2	1,948.5	1,907.1
GDP per capita (EUR)	27,515	28,589	29,799	30,378	29,571
Consumer price inflation (%) <sup>1</sup>	1.9	1.9	1.6	3.2	0.1
Exchange rate (EUR/USD):					
<i>end of year</i>	0.8477	0.7593	0.6793	0.7185	0.6942
<i>average</i>	0.8051	0.7972	0.7308	0.6835	0.7190

<sup>1</sup> Yearly average.**Table 2**  
**Settlement media used by non-banks**  
(EUR billions, end of year)

	2005	2006	2007	2008	2009
Notes and coin in circulation outside banks <sup>1</sup>	nap	nap	nap	nap	nap
Value of transferable deposits <sup>2</sup>	405.22	432.59	457.86	460.28	501.59
Narrow money supply (M1) <sup>1</sup>	nap	nap	nap	nap	nap
<i>Memo:</i>					
Transferable deposits in foreign currencies	13.47	14.59	14.28	15.57	14.88
Outstanding value on e-money storages	0.02	0.03	0.03	0.03	0.04
<i>on card-based products</i>	0.02	0.03	0.03	0.03	0.04
<i>on software- or network-based products</i>	0	0	0	0	0

<sup>1</sup> From 2002, due to banknote migration, data are available only at an aggregated euro area level (see Euro area, Table 2).<sup>2</sup> Includes deposits in French overseas territories.**Table 3**  
**Settlement media used by banks**

(EUR billions, average of last reserve maintenance period)

	2005	2006	2007	2008	2009
Transferable balances held at the central bank	28.50	33.70	37.80	41.56	38.21
<i>required reserves</i>	28.40	33.60	37.70	41.29	38.07
<i>free reserves</i>	0.10	0.10	0.10	0.26	0.14
Transferable balances held at other banks <sup>1</sup>	228.29	247.63	300.76	300.53	359.37
<i>Memo:</i>					
Credit extended by the central bank:					
<i>intraday</i> <sup>2</sup>	150.10	149.47	177.46	457.78	421.83
<i>overnight</i> <sup>3</sup>	0.01	0.00	0.01	0.12	0.12
<i>longer-term refinancing operations</i> <sup>4</sup>	22.06	14.54	60.61	129.37	112.91

<sup>1</sup> Value for the fourth quarter of the period. <sup>2</sup> Since 2005, in addition to intraday repos, amounts include autocollateralisation operations processed in the French SSS (RGV2 then ESES France as from November 2007). Furthermore, since February 2008, BDF has adopted a new collateral management system and moved from an earmarking system to a pooling system. <sup>3</sup> Marginal lending facility and fine-tuning operations. <sup>4</sup> Main refinancing operations and longer-term refinancing operations.**Table 4**  
**Banknotes and coin<sup>1</sup>**<sup>1</sup> Following the introduction of the euro on 1 January 1999, these figures are provided solely at an aggregated euro area level (see Euro area, Table 4).

**Table 5**  
**Institutions offering payment services to non-banks**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>Central bank</b>					
Number of branches or offices	140	104	104	104	96
Number of accounts (thousands)	32	32	31	31	30
Value of accounts (EUR billions) <sup>1</sup>	1.09	1.00	0.98	10.80	20.20
<i>Memo:</i>					
Number of accounts, banks (thousands)	1	1	1	0	0
<b>Banks<sup>2</sup></b>					
Number of institutions	854	829	808	728	712
Number of branches or offices	40,389	39,759	39,298	39,017	38,238
Number of accounts (thousands)	70,784	72,091	73,127	74	76
<i>of which: number of internet/PC-linked accounts</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Value of accounts (EUR billions)	404.13	431.56	456.54	449.47	481.38
<b>Credit institutions legally incorporated in the reporting country</b>					
Number of institutions	790	769	753	672	660
Number of branches or offices	40,389	39,759	39,298	39,017	38,238
Value of accounts (EUR billions)	404.13	431.56	456.54	449.47	481.38
<b>Branches of euro area-based credit institutions</b>					
Number of institutions	38	40	37	39	38
Number of branches or offices	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Value of accounts	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<b>Branches of EEA-based credit institutions (outside the euro area)</b>					
Number of institutions	14	11	11	11	10
Number of branches or offices	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Value of accounts	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<b>Branches of non-EEA based banks</b>					
Number of institutions	12	9	7	6	4
Number of branches or offices	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Value of accounts	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<b>Other institutions offering payment services to non-banks<sup>3</sup></b>					
Number of institutions	1	1	1	1	1
Number of branches or offices	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Number of accounts (thousands)	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Value of accounts (EUR billions)	52.11	53.56	53.97	46.58	48.43
<b>Institutions offering payment services to non-banks (total)</b>					
Number of institutions	856	831	810	730	714
Number of branches or offices	40,529	39,863	39,402	39,121	38,334
Number of accounts held by non-banks (thousands)	70,816	72,123	73,158	74,431	75,778
<i>of which: number of internet/PC-linked accounts</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Value of accounts held by non-banks (EUR billions)	457.33	486.13	511.49	506.85	550.01
<i>Memo:</i>					
<b>Electronic money institutions</b>					
Number of institutions <sup>4</sup>	2	2	2	2	2
Outstanding value on e-money storages issued by e-money institutions	23	25	29	32	36

<sup>1</sup> Includes the overnight deposits of the central public administrations. <sup>2</sup> Excludes investment firms. <sup>3</sup> Since 2003, the Treasury only; the Post Office has been integrated into the category of credit institutions. <sup>4</sup> Includes credit institutions.



**Table 6**  
**Payment card functions and accepting devices**  
*(thousands, end of year)*

	2005	2006	2007	2008	2009
<b>Cards issued in the country</b>					
Cards with a cash function <sup>1</sup>	81,912	85,652	91,755	93,594	95,145
Cards with a payment function	78,832	77,085	82,432	85,474	86,954
Cards with a debit function	38,911	56,354	64,392	65,955	70,771
Cards with a delayed debit function	10,839	25,278	27,557	27,315	30,864
Cards with a credit function	31,159	28,897	32,720	34,005	34,506
Cards with an e-money function	22,340	21,974	26,730	30,703	30,745
<i>of which: cards with an e-money function which have been loaded at least once</i>	923	895	1,071	1,261	1,541
Total number of cards (irrespective of the number of functions on the card) <sup>1</sup>	95,101	94,046	99,512	102,783	103,837
<i>of which: cards with a combined debit, cash and e-money function</i>	nav	21,578	26,311	30,026	30,298
<i>Memo:</i>					
Retailer cards	nav	nav	nav	nav	nav
<b>Terminals located in the country</b>					
ATMs	47.8	47.8	52.2	53.3	54.9
<i>ATMs with a cash withdrawal function</i>	nav	nav	nav	nav	nav
<i>ATMs with a credit transfer function</i>	nav	nav	nav	nav	nav
POS terminals	1,095.0	1,142.0	1,242.6	1,376.6	1,391.7
<i>of which: EFTPOS terminals<sup>2</sup></i>	1,095.0	1,142.0	1,242.6	1,376.6	1,391.7
E-money card terminals	83.7	82.0	147.6	132.8	127.8
<i>e-money card loading/unloading terminals</i>	21.6	44.2	122.2	106.0	101.2
<i>e-money card payment terminals</i>	62.0	82.0	147.6	132.8	127.8

<sup>1</sup> Prior to 2005, "interbank" cards only; from 2005, also includes "three party" cards. <sup>2</sup> Manual imprinters are no longer used.

**Table 7**  
**Indicators of the use of payment instruments and terminals by non-banks: volume of transactions**  
*(millions, total for the year)*

	2005	2006	2007	2008	2009
<b>Transactions per type of payment instrument</b>					
Credit transfers <sup>1,2</sup>	2,408.4	2,617.1	2,614.1	2,697.3	2,789.5
<i>paper-based</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>non-paper-based</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Direct debits <sup>1</sup>	2,512.8	2,736.8	2,909.8	3,023.6	3,265.5
Card payments with cards issued in the country <sup>3</sup>	5,243.8	5,615.4	6,144.7	6,542.5	6,923.3
<i>payments by cards with a debit function</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>payments by cards with a delayed debit function</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>payments by cards with a credit function</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
E-money payment transactions	17.0	20.1	26.4	32.2	36.0
<i>by cards with an e-money function</i>	17.0	20.1	26.4	32.2	36.0
<i>through other e-money storages</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Cheques	3,916.3	3,827.0	3,650.4	3,487.4	3,302.6
Other payment instruments <sup>1,4</sup>	125.7	120.0	114.3	110.4	105.5
Total number of transactions with payment instruments <sup>1,3</sup>					
	14,224.0	14,936.3	15,459.7	15,893.5	16,422.3
of which: cross-border transactions sent <sup>5</sup>	141.5	169.5	204.2	226.2	279.5
<i>Memo:</i>					
Cross-border transactions received <sup>5</sup>	200.0	200.4	209.7	215.0	226.0
<b>Transactions per type of terminal</b>					
Total transactions at terminals in the country					
Cash transactions	1,458.6	1,487.1	1,561.5	1,624.4	1,647.3
<i>ATM cash withdrawals<sup>3</sup></i>	1,458.6	1,487.1	1,561.5	1,624.4	1,647.3
<i>ATM cash deposits</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
POS payment transactions <sup>3</sup>	5,259.8	5,651.0	6,169.8	6,538.1	6,887.8
E-money card loading/unloading transactions	2.1	2.1	2.9	3.7	4.5
E-money card payment transactions	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
a) Transactions at terminals in the country by cards issued in the country					
Cash transactions	6,548.4	6,927.0	7,512.8	7,956.0	8,331.6
<i>ATM cash withdrawals<sup>3</sup></i>	1,431.9	1,458.7	1,531.2	1,593.8	1,614.5
<i>ATM cash deposits</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
POS payment transactions <sup>3</sup>	5,114.4	5,466.3	5,978.7	6,358.5	6,712.6
E-money card loading/unloading transactions	2.1	2.1	2.9	3.7	4.5
E-money card payment transactions	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
b) Transactions at terminals in the country by cards issued outside the country					
Cash transactions	26.7	213.0	221.4	210.1	208.1
<i>ATM cash withdrawals<sup>3</sup></i>	26.7	28.4	30.3	30.6	32.9
<i>ATM cash deposits</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
POS payment transactions <sup>3</sup>	145.5	184.7	191.1	179.6	175.2
E-money card loading/unloading transactions	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
E-money card payment transactions	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
c) Transactions at terminals outside the country by cards issued in the country					
Cash transactions	30.6	182.5	205.1	223.9	252.4
<i>ATM cash withdrawals<sup>3</sup></i>	30.6	33.5	39.1	39.9	41.8
<i>ATM cash deposits</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
POS payment transactions <sup>3</sup>	129.5	149.0	166.0	184.0	210.6
E-money card loading/unloading transactions	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
E-money card payment transactions	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>

<sup>1</sup> From 2005, in addition to transactions processed in the clearing settlement mechanism (CSM), all payment transactions processed outside the CSM are included. <sup>2</sup> Prior to 2005, client and interbank transactions; from 2005 to 2007, client (ie non-MFI) transactions only; from 2008, also includes transactions initiated by MFIs to non MFIs. <sup>3</sup> Prior to 2005, "interbank" cards only; from 2005, also includes "three party" cards. <sup>4</sup> Usually bills of exchange. <sup>5</sup> From 2006, includes transactions processed in high-value payment systems.

**Table 8**  
**Indicators of the use of payment instruments and terminals: value of transactions**  
*(EUR billions, total for the year)*

	2005	2006	2007	2008	2009
<b>Transactions per type of payment instrument</b>					
Credit transfers <sup>1,2</sup>	13,462.3	17,717.6	18,380.0	19,446.2	20,513.2
<i>paper-based</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>non-paper-based</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Direct debits <sup>1</sup>	906.7	980.7	1,020.7	1,054.2	1,069.3
Card payments with cards issued in the country <sup>3</sup>	260.2	282.9	310.6	331.8	339.6
<i>payments by cards with a debit function</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>payments by cards with a delayed debit function</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>payments by cards with a credit function</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
E-money payment transactions	0.04	0.04	0.05	0.07	0.08
<i>by cards with an e-money function</i>	<i>0.04</i>	<i>0.04</i>	<i>0.05</i>	<i>0.07</i>	<i>0.08</i>
<i>through other e-money storages</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Cheques	2,175.7	2,207.7	2,174.3	2,069.3	1,834.5
Other payment instruments <sup>1, 4</sup>	475.2	493.8	478.6	472.5	396.2
Total value of transactions with payment instruments <sup>1,3</sup>	17,280.1	21,682.7	22,364.3	23,374.0	24,152.9
<i>of which: cross-border transactions sent<sup>5</sup></i>	<i>3,202.4</i>	<i>4,997.6</i>	<i>6,498.3</i>	<i>5,794.3</i>	<i>5,900.0</i>
<i>Memo:</i>					
Cross-border transactions received <sup>5</sup>	3,266.9	5,160.9	5,335.7	6,558.0	6,120.8
<b>Transactions per type of terminal</b>					
Total transactions at terminals in the country					
Cash transactions	102.5	105.1	112.2	120.2	126.2
<i>ATM cash withdrawals<sup>3</sup></i>	<i>102.5</i>	<i>105.1</i>	<i>112.2</i>	<i>120.2</i>	<i>126.2</i>
<i>ATM cash deposits</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
POS payment transactions <sup>3</sup>	265.1	288.7	316.4	335.3	340.8
E-money card loading/unloading transactions	0.05	0.05	0.06	0.08	0.09
E-money card payment transactions	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
a) Transactions at terminals in the country by cards issued in the country					
Cash transactions	348.0	371.3	403.5	431.4	444.7
<i>ATM cash withdrawals<sup>3</sup></i>	<i>98.2</i>	<i>100.3</i>	<i>106.8</i>	<i>114.8</i>	<i>120.9</i>
<i>ATM cash deposits</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
POS payment transactions <sup>3</sup>	249.8	271.0	296.7	316.5	323.8
E-money card loading/unloading transactions	0.05	0.05	0.06	0.08	0.09
E-money card payment transactions	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
b) Transactions at terminals in the country by cards issued outside the country					
Cash transactions	4.3	22.5	25.1	24.3	22.3
<i>ATM cash withdrawals<sup>3</sup></i>	<i>4.3</i>	<i>4.8</i>	<i>5.4</i>	<i>5.4</i>	<i>5.3</i>
<i>ATM cash deposits</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
POS payment transactions <sup>3</sup>	15.4	17.7	19.7	18.9	17.1
E-money card loading/unloading transactions	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
E-money card payment transactions	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
c) Transactions at terminals outside the country by cards issued in the country					
Cash transactions	3.5	15.8	18.6	20.0	20.7
<i>ATM cash withdrawals<sup>3</sup></i>	<i>3.5</i>	<i>3.9</i>	<i>4.7</i>	<i>4.7</i>	<i>4.9</i>
<i>ATM cash deposits</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
POS payment transactions <sup>3</sup>	10.5	11.9	13.9	15.4	15.8
E-money card loading/unloading transactions	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
E-money card payment transactions	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>

<sup>1</sup> From 2005, in addition to transactions processed in the clearing settlement mechanism (CSM), all payment transactions processed outside the CSM are included. <sup>2</sup> Prior to 2005, client and interbank transactions; from 2005 to 2007, client (ie non-MFI) transactions only; from 2008, also includes transactions initiated by MFIs to non MFIs. <sup>3</sup> Prior to 2005, "interbank" cards only; from 2005, also includes "three party" cards. <sup>4</sup> Usually bills of exchange. <sup>5</sup> From 2006, includes transactions processed in high-value payment systems.

**Table 9**  
**Participation in selected interbank funds transfer systems**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>Large-value payment systems</b>					
<b>TARGET2-BDF<sup>1</sup></b>					
Number of participants	167	160	118	277	293
Direct participants	144	130	88	65	83
Banks	133	124	82	58	76
Central bank	1	1	1	1	1
Other direct participants	10	5	5	6	6
<i>Postal institution</i>	1	0	0	0	0
<i>Clearing and settlement organisations</i>	1	1	1	2	2
<i>Other financial institutions</i>	8	4	4	4	4
Indirect participants <sup>2</sup>	23	30	30	212	210
<b>PNS<sup>1</sup></b>					
Number of participants	45	50	50	nap	nap
Direct participants	17	16	16	nap	nap
Banks	16	16	16	nap	nap
Central bank	0	0	0	nap	nap
Other direct participants	1	0	0	nap	nap
<i>Postal institution</i>	1	0	0	nap	nap
Indirect participants <sup>2</sup>	28	34	34	nap	nap
<b>Retail payment systems</b>					
<b>CORE<sup>3</sup></b>					
Number of participants	595	579	564	424	423
Direct participants	13	13	12	12	11
Banks	10	11	10	10	9
Central bank	1	1	1	1	1
Other direct participants	2	1	1	1	1
<i>Postal institution</i>	1	0	0	0	0
<i>Other financial institutions</i>	1	1	1	1	1
Indirect participants <sup>2</sup>	582	566	552	412	412

<sup>1</sup> Since 18 February 2008, TBF (the French component of TARGET) and PNS have been replaced by TARGET2-Banque de France, the single French large value payment system. <sup>2</sup> Before 18 February 2008, branches of cooperative banks were registered as sub accounts of their head institution and therefore not counted in the number of participants. Since February 2008, these banks became indirect participants. Furthermore, some foreign institutions located outside the euro area have joined the system as indirect participants. <sup>3</sup> Launched on 28 January 2008, CORE progressively replaced the former retail payment infrastructure SIT, closed on 25 October 2008.

**Table 10**  
**Payments processed by selected interbank funds transfer systems: volume of transactions**  
*(millions, total for the year)*

	2005	2006	2007	2008	2009
<b>Large-value payment systems</b>					
<b>TARGET2-BDF<sup>1</sup></b>					
Credit transfers sent	4.324	4.578	4.882	6.654	7.619
<i>credit transfers sent within TARGET component</i>	2.173	2.122	2.142	3.479	4.264
<i>credit transfers sent to another TARGET component</i>	2.151	2.456	2.740	3.175	3.355
<i>Memo:</i>					
Credit transfers received from another TARGET component	2.083	2.210	2.300	3.175	3.355
Concentration ratio in terms of volume (%)	46.2	44.4	47.0	53.3	53.9
<b>PNS<sup>1</sup></b>					
Credit transfers sent	6.836	6.614	6.429	0.398	nap
<i>national credit transfers</i>	6.836	6.614	6.429	0.398	nap
Concentration ratio in terms of volume (%)	62.3	65.6	66.2	62.5	nap
<b>Retail payment systems</b>					
<b>CORE<sup>2</sup></b>					
Total transactions sent	11,860.71	12,181.53	12,303.25	12,491.28	12,737.70
<i>credit transfers<sup>3</sup></i>	1,780.74	1,846.01	1,872.64	1,900.88	1,926.98
<i>direct debits<sup>4</sup></i>	1,949.68	2,077.28	2,131.73	2,134.19	2,204.91
<i>card payments</i>	4,166.52	4,421.53	4,627.30	4,920.17	5,258.69
<i>ATM transactions</i>	628.96	636.63	629.16	630.18	628.12
<i>e-money transactions</i>	nap	nap	nap	nap	nap
<i>cheques<sup>5</sup></i>	3,233.43	3,100.67	2,947.96	2,815.01	2,633.57
<i>other payment instruments<sup>6</sup></i>	101.38	99.41	94.46	90.86	85.44
Concentration ratio in terms of volume (%)	60.5	62.1	68.3	69.2	67.8

<sup>1</sup> Since 18 February 2008, TBF (the French component of TARGET) and PNS have been replaced by TARGET2-Banque de France, the single French large value payment system. <sup>2</sup> Launched on 28 January 2008, CORE progressively replaced the former retail payment infrastructure SIT, closed on 25 October 2008. 2008 figures correspond to the aggregation of transactions processed in SIT and CORE. <sup>3</sup> Figures prior to 2005 include electronic payment orders; from 2005, electronic payment orders are included in direct debits. <sup>4</sup> Figures prior to 2005 include interbank payment orders; from 2005, electronic payment orders are also included. <sup>5</sup> Figures prior to 2005 include administrative orders; from 2005, this category of operation is excluded. <sup>6</sup> Promissory notes.

Table 11

## Payments processed by selected interbank funds transfer systems: value of transactions

(EUR billions, total for the year)

	2005	2006	2007	2008	2009
<b>Large-value payment systems</b>					
<b>TARGET2-BDF<sup>1</sup></b>					
Credit transfers sent	121,913.7	135,189.1	145,074.2	101,931.0	93,756.7
<i>credit transfers sent within TARGET component</i>	97,757.9	107,991.9	114,122.2	67,783.2	62,042.8
<i>credit transfers sent to another TARGET component</i>	24,155.8	27,197.1	30,952.0	34,147.8	31,713.9
<i>Memo:</i>					
Credit transfers received from another TARGET component	24,152.5	27,196.3	30,935.3	34,147.8	31,713.9
Concentration ratio in terms of value (%)	51.2	56.2	58.2	61.9	61.6
<b>PNS<sup>1</sup></b>					
Credit transfers sent	15,644.5	14,862.0	16,265.0	746.1	nap
<i>national credit transfers</i>	15,644.5	14,862.0	16,265.0	746.1	nap
Concentration ratio in terms of value (%)	62.0	69.6	68.9	69.4	nap
<b>Retail payment systems</b>					
<b>CORE<sup>2</sup></b>					
Total transactions sent	4,755.4	5,030.5	5,176.6	5,261.9	5,004.9
<i>credit transfers<sup>3</sup></i>	1,708.4	1,872.1	2,015.6	2,153.7	2,169.1
<i>direct debits<sup>4</sup></i>	614.4	688.9	730.1	773.8	774.9
<i>card payments</i>	202.6	208.9	220.2	235.8	245.1
<i>ATM transactions</i>	34.6	35.5	35.6	36.4	36.5
<i>e-money transactions</i>	nap	nap	nap	nap	nap
<i>cheques<sup>5</sup></i>	1,785.4	1,818.7	1,778.5	1,672.4	1,459.2
<i>other payment instruments<sup>6</sup></i>	410.0	406.3	396.6	389.9	320.1
Concentration ratio in terms of value (%)	59.3	60.3	64.8	67.3	74.6

<sup>1</sup> Since 18 February 2008, TBF (the French component of TARGET) and PNS have been replaced by TARGET2-Banque de France, the single French large value payment system. <sup>2</sup> Launched on 28 January 2008, CORE progressively replaced the former retail payment infrastructure SIT, closed on 25 October 2008. 2008 figures correspond to the aggregation of transactions processed in SIT and CORE. <sup>3</sup> Figures prior to 2005 include electronic payment orders; from 2005, electronic payment orders are included in direct debits. <sup>4</sup> Figures prior to 2005 include interbank payment orders; from 2005, electronic payment orders are also included. <sup>5</sup> Figures prior to 2005 include administrative orders; from 2005, this category of operation is excluded. <sup>6</sup> Promissory notes.

**Table 12**  
**Participation in SWIFT by domestic institutions**  
*(end of year)*

	2005	2006	2007	2008	2009
Members	50	46	46	45	47
<i>of which: live</i>	50	46	46	45	46
Sub-members	126	139	134	127	119
<i>of which: live</i>	125	136	131	126	118
Participants	72	80	86	108	154
<i>of which: live</i>	70	74	73	84	126
Total users	248	265	266	280	320
<i>of which: live</i>	245	256	250	255	290
<i>Memo:</i>					
Total SWIFT users	7,888	8,105	8,332	8,830	9,281
<i>members</i>	2,231	2,288	2,276	2,276	2,356
<i>sub-members</i>	3,077	3,120	3,212	3,305	3,306
<i>participants</i>	2,580	2,697	2,844	3,249	3,619

Source: SWIFT.

**Table 13**  
**SWIFT message flows to/from domestic users**  
*(thousands, total for the year)*

	2005	2006	2007	2008	2009
Total messages sent	141,987	150,007	165,690	179,834	170,733
<i>of which:</i>					
<i>category I</i>	29,953	31,016	33,191	26,415	25,762
<i>category II</i>	13,350	14,045	14,948	13,302	12,426
Total messages received	130,551	143,496	170,217	186,370	174,325
<i>of which:</i>					
<i>category I</i>	30,455	31,523	33,008	25,870	24,821
<i>category II</i>	11,649	12,181	12,683	10,524	9,462
Domestic traffic	29,084	29,651	34,861	27,573	25,131
<i>Memo:</i>					
Global SWIFT traffic	2,518,285	2,864,537	3,501,163	3,854,576	3,760,314

Source: SWIFT.

**Table 14****Number of participants in exchanges and trading systems***(end of year)*

	2005	2006	2007	2008	2009
<b>Euronext Paris</b>					
Total number of participants	145	142	135	152	174
<i>central bank</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>central counterparties (CCPs)</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>banks</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>other</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Number of domestic participants	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Number of foreign participants	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>

**Table 15****Number of listed securities***(end of year)*

	2005	2006	2007	2008	2009
<b>Euronext Paris</b>					
Total number of listed securities	7,576	8,191	10,729	12,503	8,728
debt securities	<i>nav</i>	1,495	1,277	2,263	2,005
<i>short-term paper</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>bonds</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
equity <sup>1</sup>	749	730	707	673	652
other	<i>nav</i>	5,966	8,745	9,567	6,071

<sup>1</sup> Number of companies with listed shares.**Table 16****Market capitalisation of listed companies***(EUR billions, end of year)*

	2005	2006	2007	2008	2009
<b>Euronext Paris</b>					
Total market capitalisation/equity	1,490.9	1,841.6	1,874.4	1,056.7	1,356.5



**Table 17****Number of executed trades***(thousands, total for the year)*

	2005	2006	2007	2008	2009
<b>Euronext Paris<sup>1</sup></b>					
Total number of executed securities trades	nav	74,847	106,914	133,116	111,759
debt securities	nav	586	539	405	396
<i>short-term paper</i>	nav	nav	nav	nav	nav
<i>bonds</i>	nav	nav	nav	nav	nav
equity	nav	71,783	102,736	128,620	107,377
other	nav	2,478	3,639	4,091	3,986
Total number of executed derivatives trades	nav	86,016	90,866	96,440	99,443
<i>financial futures</i>	nav	33,433	45,139	49,782	42,243
<i>financial options</i>	nav	51,795	44,027	43,937	53,572
<i>commodity futures</i>	nav	718	1,515	2,258	2,888
<i>commodity options</i>	nav	70	185	464	740

<sup>1</sup> Single-counted transactions.**Table 18****Value of executed trades***(EUR billions, total for the year)*

	2005	2006	2007	2008	2009
<b>Euronext Paris</b>					
Total value of executed securities trades	nav	2,266.3	2,656.7	1,937.3	1,148.9
debt securities	nav	238.4	71.6	3.6	79.0
<i>short-term paper</i>	nav	nav	nav	nav	nav
<i>bonds</i>	nav	nav	nav	nav	nav
equity	nav	1,986.5	2,494.6	1,829.7	980.9
other	nav	41.5	90.5	104.0	89.1
Total value of executed derivatives trades	nav	2,140.3	3,274.4	2,627.4	1,718.7
<i>financial futures</i>	nav	1,701.3	2,573.6	2,141.1	1,398.0
<i>financial options</i>	nav	432.8	682.6	457.8	294.9
<i>commodity futures</i>	nav	6.3	18.1	28.3	25.7
<i>commodity options</i>	nav	0.0	0.1	0.3	0.2

**Table 19****Number of clearing members***(end of year)*

	2005	2006	2007	2008	2009
<b>LCH.Clearnet SA</b>					
Total number of clearing members	118	115	111	106	103
<i>central counterparties (CCPs)</i>	<i>nav</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>
<i>banks</i>	<i>nav</i>	<i>71</i>	<i>72</i>	<i>68</i>	<i>67</i>
<i>other</i>	<i>nav</i>	<i>43</i>	<i>38</i>	<i>37</i>	<i>35</i>
Number of domestic clearing members <sup>1</sup>	<i>nav</i>	<i>78</i>	<i>72</i>	<i>54</i>	<i>49</i>
<i>banks</i>	<i>nav</i>	<i>50</i>	<i>49</i>	<i>33</i>	<i>31</i>
<i>other</i>	<i>nav</i>	<i>28</i>	<i>23</i>	<i>21</i>	<i>18</i>
Number of foreign clearing members	<i>nav</i>	<i>37</i>	<i>39</i>	<i>52</i>	<i>54</i>
<i>central counterparties (CCPs)</i>	<i>nav</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>
<i>banks</i>	<i>nav</i>	<i>21</i>	<i>23</i>	<i>35</i>	<i>36</i>
<i>other</i>	<i>nav</i>	<i>15</i>	<i>15</i>	<i>16</i>	<i>17</i>

<sup>1</sup> France, Belgium, Netherlands and Portugal.**Table 20****Number of contracts and transactions cleared***(millions, total for the year)*

	2005	2006	2007	2008	2009
<b>LCH.Clearnet SA</b>					
Total number of contracts and transactions cleared	<i>nav</i>	321.21	394.60	452.02	417.53
Number of securities transactions cleared <sup>1</sup>	<i>nav</i>	149.17	212.903	259.219	218.255
debt securities	<i>nav</i>	0.04	0.049	0.041	0.033
<i>short-term paper</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>0.006</i>	<i>0.004</i>
<i>bonds</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>0.035</i>	<i>0.029</i>
equity <sup>2</sup>	<i>nav</i>	149.13	212.854	259.178	218.221
<i>of which: number of repurchase transactions cleared</i>	<i>nav</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
Number of exchange-traded derivatives contracts cleared <sup>3</sup>	<i>nav</i>	172.04	181.70	192.80	199.27
<i>financial futures</i>	<i>nav</i>	68.30	93.30	99.56	84.72
<i>financial options</i>	<i>nav</i>	103.74	88.40	87.79	107.28
<i>commodity futures</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	4.52	5.79
<i>commodity options</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	0.93	1.49
Number of OTC derivatives contracts cleared	<i>nav</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>

<sup>1</sup> Cash transactions. <sup>2</sup> Contains all activities for Euronext cash markets (including bonds, shares and warrants). <sup>3</sup> Valuation at the trading price; data before 2008 include commodity products.

**Table 21**  
**Value of contracts and transactions cleared**  
*(EUR billions, total for the year)*

	2005	2006	2007	2008	2009
<b>LCH.Clearnet SA</b>					
Total value of contracts and transactions cleared	nav	7,095.3	9,890.0	9,287.7	5,628.1
Value of securities transactions cleared <sup>1</sup>	nav	3,666.0	4,678.1	3,999.7	2,179.6
debt securities	nav	346.3	389.7	315.8	197.6
<i>short-term paper</i>	nav	nav	nav	49.3	35.9
<i>bonds</i>	nav	nav	nav	266.5	161.6
equity <sup>2</sup>	nav	3,319.7	4,288.4	3,683.9	1,982.1
<i>of which: value of repurchase transactions cleared</i>	nav	nap	nap	nap	nap
Value of exchange-traded derivatives contracts cleared <sup>3</sup>	nav	3,429.3	5,211.9	5,288.0	3,448.4
<i>financial futures</i>	nav	3,413.4	5,185.0	4,289.7	2,801.0
<i>financial options</i>	nav	15.9	26.9	930.1	583.5
<i>commodity futures</i>	nav	nav	nav	56.7	51.6
<i>commodity options</i>	nav	nav	nav	11.5	12.4
Value of OTC derivatives contracts cleared	nav	nap	nap	nap	nap

<sup>1</sup> Cash transactions. <sup>2</sup> Contains all activities for Euronext cash markets (including bonds, shares and warrants). <sup>3</sup> Valuation at the trading price; data before 2008 include commodity products.

**Table 22**  
**Number of direct participants in CSDs**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>Euroclear France</b>					
Total number of participants	198	161	143	139	125
<i>central bank</i>	1	1	1	1	1
<i>central counterparties (CCPs)</i>	1	1	1	1	1
<i>central securities depositories</i>	13	14	13	13	11
<i>banks</i>	136	112	96	91	94
<i>other</i>	47	33	32	33	18
Number of domestic participants	149	122	105	100	96
<i>central bank</i>	1	1	1	1	1
<i>central counterparties (CCPs)</i>	1	1	1	1	1
<i>banks</i>	118	97	82	75	79
<i>other</i>	29	23	21	23	15
Number of foreign participants	49	39	38	39	29
<i>central securities depositories</i>	13	14	13	13	11
<i>banks</i>	18	15	14	16	15
<i>other</i>	18	10	11	10	3

**Table 23**  
**Number of securities held on accounts at CSDs**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>Euroclear France<sup>1</sup></b>					
Total number of securities held	28,797	31,697	38,832	45,757	33,345
debt securities	12,693	13,331	15,976	17,166	14,782
<i>short-term paper</i>	8,254	8,328	9,805	10,226	8,287
<i>bonds</i>	4,439	5,003	6,171	6,940	6,495
equity	1,480	1,593	1,630	1,696	1,639
other	14,624	16,773	21,226	26,895	16,924

<sup>1</sup> Includes all types of financial instruments (French and foreign financial instruments, eurobonds and other international financial instruments).

**Table 24**  
**Value of securities held on accounts at CSDs**  
*(EUR billions, end of year)*

	2005	2006	2007	2008	2009
<b>Euroclear France<sup>1</sup></b>					
Total value of securities held	4,424.6	5,018.3	5,312.1	4,517.3	5,033.7
debt securities	1,878.3	1,949.4	2,157.5	2,363.7	2,481.1
<i>short-term paper</i>	615.6	666.3	777.4	860.6	867.8
<i>bonds</i>	1,262.7	1,283.1	1,380.1	1,503.1	1,613.3
equity	1,539.6	1,885.3	1,949.5	1,135.9	1,413.7
other	1,006.7	1,183.6	1,205.1	1,017.6	1,138.9

<sup>1</sup> Includes all types of financial instruments (French and foreign financial instruments, eurobonds and other international financial instruments).

**Table 25**  
**Number of delivery instructions processed**  
*(thousands, total for the year)*

	2005	2006	2007	2008	2009
<b>Euroclear France</b>					
Total number of delivery instructions <sup>1</sup>	30,510	32,756	34,491	30,384	26,639
DVP <sup>2</sup>	28,768	30,994	31,627	27,688	24,167
debt securities	5,125	5,209	5,403	5,666	5,512
<i>short-term paper</i>	1,723	1,581	1,675	1,794	1,746
<i>bonds</i>	3,402	3,628	3,728	3,872	3,766
equity	19,924	21,254	21,017	17,019	14,141
other	3,719	4,531	5,207	5,003	4,514
free of payment	1,742	1,762	2,864	2,696	2,472
debt securities	275	268	378	332	376
<i>short-term paper</i>	46	45	130	119	120
<i>bonds</i>	229	223	248	213	256
equity	900	1,024	1,146	972	872
other	567	470	1,340	1,392	1,224

<sup>1</sup> The figures for reporting years 2007 and 2008 are based on a new methodology related to the implementation of the single platform ESES (Euroclear Settlement of Euronext-zone securities), launched in November 2007 in France. This may trigger a break in series when comparing the 2007 and 2008 figures with those from previous years. <sup>2</sup> Includes securities movements related to repurchase agreements.

**Table 26**  
**Value of delivery instructions processed**  
*(EUR billions, total for the year)*

	2005	2006	2007	2008	2009
<b>Euroclear France</b>					
Total value of delivery instructions <sup>1</sup>	128,472.7	123,966.9	153,253.1	134,266.1	117,465.3
DVP <sup>2</sup>	122,346.5	116,762.1	135,073.9	118,320.5	102,008.9
debt securities	117,380.9	110,839.0	124,922.7	107,870.5	94,274.5
<i>short-term paper</i>	57,434.2	50,615.0	59,918.2	50,468.6	47,157.6
<i>bonds</i>	59,946.7	60,224.0	65,004.5	57,401.8	47,116.9
equity	3,101.1	4,081.6	7,900.3	6,891.7	4,420.4
other	1,864.6	1,841.5	2,250.8	3,558.3	3,313.9
free of payment	6,126.2	7,204.8	18,179.2	15,945.6	15,456.4
debt securities	4,275.7	4,730.7	13,957.3	11,612.4	11,547.2
<i>short-term paper</i>	1,361.2	1,487.4	9,071.3	6,614.2	6,787.8
<i>bonds</i>	2,914.5	3,243.3	4,886.1	4,998.3	4,759.4
equity	1,286.5	1,964.5	1,636.3	1,343.8	733.6
other	564.0	509.7	2,585.6	2,989.4	3,175.6

<sup>1</sup> The figures for reporting years 2007 and 2008 are based on a new methodology related to the implementation of the single platform ESES (Euroclear Settlement of Euronext-zone securities), launched in November 2007 in France. This may trigger a break in series when comparing the 2007 and 2008 figures with those from previous years. <sup>2</sup> Includes securities movements related to repurchase agreements.



**Table 1**  
**Basic statistical data**

	2005	2006	2007	2008	2009
Population (thousands) <sup>1</sup>	82,464	82,366	82,263	82,120	81,875
GDP (EUR billions)	2,242.2	2,326.5	2,432.4	2,481.2	2,397.1
GDP per capita (EUR)	27,190	28,246	29,569	30,214	29,278
Consumer price inflation (%) <sup>1</sup>	1.9	1.8	2.3	2.8	0.2
Exchange rate (EUR/USD):					
<i>end of year</i>	0.8477	0.7593	0.6793	0.7185	0.6942
<i>average</i>	0.8051	0.7972	0.7308	0.6835	0.7190

<sup>1</sup> Annual average.**Table 2**  
**Settlement media used by non-banks**  
(EUR billions, end of year)

	2005	2006	2007	2008	2009
Notes and coin in circulation outside banks <sup>1</sup>	nap	nap	nap	nap	nap
Value of transferable deposits <sup>2</sup>	776.58	824.24	845.30	902.02	1,075.20
Narrow money supply (M1) <sup>1</sup>	nap	nap	nap	nap	nap
<i>Memo:</i>					
Transferable deposits in foreign currencies	24.66	35.20	36.01	31.04	32.40
Outstanding value on e-money storages	0.09	0.08	0.07	0.06	0.07
<i>on card-based products</i> <sup>3</sup>	0.09	0.08	0.07	0.06	0.07
<i>on software- or network-based products</i>	nav	nav	nav	nav	nav

<sup>1</sup> Following the introduction of the euro banknotes and coins on 1 January 2002, these figures are provided solely at an aggregated euro area level (see Euro area, Table 2). <sup>2</sup> All overnight deposits are included - transferable and non-transferable overnight deposits. The counterpart sector "non-MFIs" includes the component sectors "Central government" and "Rest of the world". Thus, this indicator is not synonymous with the same term used in the ECB concept of narrow money supply (M1). German data for this item do not include overnight deposits of the counterpart sector "Central government" held at the national central bank for 2002-2004. <sup>3</sup> Encompasses only data of the German scheme "GeldKarte".

**Table 3**  
**Settlement media used by banks**

(EUR billions, average of last reserve maintenance period)

	2005	2006	2007	2008	2009
Transferable balances held at the central bank <sup>1</sup>	39.27	41.40	47.49	144.35	95.11
<i>required reserves</i>	38.88	41.07	46.59	52.45	49.97
<i>free reserves</i>	0.40	0.33	0.90	91.90	45.14
Transferable balances held at other banks <sup>1</sup>	229.84	282.93	268.92	324.69	292.72
<i>Memo:</i>					
Credit extended by the central bank:					
<i>intraday</i>	nav	nav	nav	nav	nav
<i>overnight</i> <sup>2</sup>	0.14	0.04	0.12	2.37	0.11
<i>longer-term refinancing operations</i> <sup>3</sup>	209.89	246.09	236.66	270.45	211.66

<sup>1</sup> All overnight deposits are included - transferable and non-transferable overnight deposits. <sup>2</sup> Marginal lending facility. <sup>3</sup> Other monetary policy operations vis-à-vis the Eurosystem.

**Table 4**  
**Banknotes and coin<sup>1</sup>**

<sup>1</sup> Following the introduction of the euro on 1 January 1999, these figures are provided solely at an aggregated euro area level (see Euro area, Table 4) .

**Table 5**  
**Institutions offering payment services to non-banks**  
(end of year)

	2005	2006	2007	2008	2009
<b>Central bank</b>					
Number of branches or offices	78	71	51	47	47
Number of accounts (thousands)	26.45	25.92	25.06	24.63	24.34
Value of accounts (EUR billions)	0.51	0.40	0.44	1.01	0.48
<b>Banks<sup>1</sup></b>					
Number of institutions	2,089	2,048	2,015	1,981	1,939
Number of branches or offices	46,158	42,367	41,814	41,554	41,375
Number of accounts (thousands) <sup>2</sup>	85,452	90,919	94,111	93,687	95,103
<i>of which: number of internet/PC-linked accounts (thousands)<sup>2</sup></i>	33,339	35,286	36,813	39,571	41,867
Value of accounts (EUR billions) <sup>3</sup>	779.03	829.77	855.91	925.94	1,107.64
<b>Credit institutions legally incorporated in the reporting country</b>					
Number of institutions	2,000	1,955	1,915	1,873	1,830
Number of branches or offices	45,998	42,185	41,627	41,336	41,153
Value of accounts (EUR billions) <sup>3</sup>	767.38	815.56	838.42	906.26	1,085.55
<b>Branches of euro area-based credit institutions</b>					
Number of institutions	52	56	63	69	68
Number of branches or offices	90	117	127	145	147
Value of accounts (EUR billions) <sup>3</sup>	9.37	11.77	14.63	17.16	16.86
<b>Branches of EEA-based credit institutions (outside the euro area)</b>					
Number of institutions	18	20	19	21	23
Number of offices	46	42	36	49	51
Value of accounts (EUR billions) <sup>3</sup>	1.00	1.12	1.33	1.21	2.92
<b>Branches of non-EEA based banks</b>					
Number of institutions	19	17	18	18	18
Number of branches or offices	24	23	24	24	24
Value of accounts (EUR billions) <sup>3</sup>	1.28	1.32	1.53	1.31	2.31
<b>Institutions offering payment services to non-banks (total)</b>					
Number of institutions	2,090	2,049	2,016	1,982	1,940
Number of branches or offices	46,236	42,438	41,865	41,601	41,422
Number of accounts held by non-banks (thousands) <sup>2</sup>	85,479	90,945	94,136	93,711	95,127
<i>of which: number of internet/PC-linked accounts (thousands)<sup>2</sup></i>	33,339	35,286	36,813	39,571	41,867
Value of accounts held by non-banks (EUR billions)	779.54	830.17	856.35	926.95	1,108.12
<b>Memo:</b>					
<b>Electronic money institutions</b>					
Number of institutions	nav	5	5	5	5
Outstanding value on e-money storages issued by e-money institutions (EUR millions) <sup>4</sup>	nav	14.0	18.0	21.0	22.7

<sup>1</sup> Includes those post office branches of Deutsche Postbank AG which are entrusted with the semi-cashless payment systems on behalf of the Postbank AG. <sup>2</sup> Encompasses only transferable deposits. Partly estimated for reference period 2007. Different methodology and data collection method since reporting year 2007 and therefore breaks in time series when comparing 2007 with previous years' data. <sup>3</sup> Includes transferable and non-transferable deposits but no deposits for card-based e-money. <sup>4</sup> By approximation: Liabilities to non-MFIs which mature daily.



**Table 6**  
**Payment card functions and accepting devices**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>Cards issued in the country (thousands)<sup>1, 2</sup></b>					
Cards with a cash function	109,071	104,217	123,103	125,705	129,409
Cards with a debit function	88,478	89,709	100,295	100,712	101,709
Cards with a delayed debit function <sup>3</sup>	18,349	18,260	17,938	18,437	19,913
Cards with a credit function	nav	nav	3,810	3,722	4,179
Cards with an e-money function	63,960	65,906	77,774	79,934	85,962
<i>of which: cards with an e-money function which have been loaded at least once<sup>4</sup></i>	<i>nav</i>	<i>nav</i>	<i>4,431</i>	<i>4,479</i>	<i>4,863</i>
Total number of cards (irrespective of the number of functions on the card)	115,928	118,770	131,795	136,376	141,352
<i>of which: cards with a combined debit, cash and e-money function</i>	<i>64,833</i>	<i>64,168</i>	<i>66,099</i>	<i>76,827</i>	<i>81,219</i>
<i>Memo:</i>					
Retailer cards <sup>5</sup>	10,100	10,500	12,473	nav	nav
<b>Terminals located in the country</b>					
ATMs <sup>1</sup>	53,361	53,887	77,595	79,565	82,702
<i>ATMs with a cash withdrawal function</i>	<i>53,361</i>	<i>53,887</i>	<i>56,542</i>	<i>57,303</i>	<i>59,394</i>
<i>ATMs with a credit transfer function</i>	<i>nav</i>	<i>nav</i>	<i>22,357</i>	<i>23,406</i>	<i>23,921</i>
POS terminals <sup>6, 7</sup>	569,527	578,420	566,037	592,994	645,427
<i>of which: EFTPOS terminals</i>	<i>569,527</i>	<i>578,420</i>	<i>566,037</i>	<i>592,994</i>	<i>645,427</i>
E-money card terminals <sup>7</sup>	202,107	257,590	370,074	355,418	340,886
<i>e-money card loading/unloading terminals<sup>8</sup></i>	<i>30,000</i>	<i>32,943</i>	<i>35,800</i>	<i>38,762</i>	<i>38,834</i>
<i>e-money card payment terminals</i>	<i>172,107</i>	<i>224,647</i>	<i>334,274</i>	<i>316,656</i>	<i>302,052</i>

<sup>1</sup> Partly estimated for reference period 2007. Different methodology and data collection method since reporting year 2007 and therefore breaks in time series when comparing 2007 with previous years' data. <sup>2</sup> Since 2007 payments with delayed debit and credit cards in tables 7 and 8 have included transactions with specific non-rechargeable retailer cards. However, this table does not encompass the numbers of the underlying cards. <sup>3</sup> Includes cards with a credit function up to 2006. <sup>4</sup> Cards with an e-money function which are credit balanced at the end of the period. <sup>5</sup> Figures collected by PaySys Consultancy GmbH; since 2008 data are not available any longer. <sup>6</sup> Encompasses only terminals with reference to the German scheme "Girocard". To avoid double-counting, the number of terminals includes the most widespread scheme only, since terminals usually accept different card brands. EFTPOS terminals only. <sup>7</sup> Only active terminals (terminals with at least one transaction in the reference period). Figures collected by Zentraler Kreditausschuss (ZKA). <sup>8</sup> Includes only loading terminals. Data for 2004 and 2005 are estimated.

Table 7

**Indicators of the use of payment instruments and terminals by non-banks: volume of transactions<sup>1</sup>**  
 (millions, total for the year)

	2005	2006	2007	2008	2009
<b>Transactions per type of payment instrument<sup>2, 3</sup></b>					
Credit transfers <sup>4, 5</sup>	6,713.15	7,262.19	5,579.87	5,668.00	5,815.53
<i>paper-based</i>	1,054.59	1,044.26	1,093.74	1,057.26	998.61
<i>non-paper-based</i>	5,658.55	6,217.93	4,486.14	4,610.74	4,816.93
Direct debits <sup>4, 5, 6</sup>	6,662.10	7,363.34	7,752.18	7,995.11	8,424.45
Card payments with cards issued in the country <sup>7</sup>	2,372.09	2,435.63	2,119.62	2,289.04	2,422.92
<i>payments by cards with a debit function</i>	1,982.26	2,026.81	1,705.86	1,866.67	1,980.46
<i>payments by cards with a delayed debit function<sup>8</sup></i>	389.83	408.81	345.44	354.85	360.54
<i>payments by cards with a credit function<sup>9</sup></i>	<i>nav</i>	<i>nav</i>	68.32	67.52	81.92
E-money payment transactions	37.78	42.28	52.35	47.61	42.99
<i>by cards with an e-money function</i>	37.78	42.28	52.35	47.61	42.99
<i>through other e-money storages</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Cheques <sup>4</sup>	107.48	108.90	75.44	65.41	56.98
Other payment instruments	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
Total number of transactions with payment instruments	15,892.59	17,212.33	15,579.46	16,065.17	16,762.87
<i>of which: cross-border transactions sent</i>	<i>nav</i>	<i>nav</i>	271.35	281.55	342.90
<i>Memo:</i>					
Cross-border transactions received	<i>nav</i>	<i>nav</i>	47.29	50.48	49.22
Payments by retailer cards with a payment function <sup>10</sup>	40.50	43.60	55.90	<i>nav</i>	<i>nav</i>

For the footnotes, see the end of the table.

Table 7 (cont)

	2005	2006	2007	2008	2009
<b>Transactions per type of terminal<sup>3</sup></b>					
Total transactions at terminals in the country					
Cash transactions	2,445.07	2,447.29	1,979.76	2,044.58	2,082.10
<i>ATM cash withdrawals</i>	2,445.07	2,447.29	1,939.71	1,998.66	2,029.70
<i>ATM cash deposits</i>	nav	nav	40.05	45.92	52.40
POS payment transactions <sup>11</sup>	2,409.87	2,477.90	2,006.12	2,163.17	2,274.17
E-money card loading/unloading transactions	4.47	5.02	8.66	7.94	7.59
E-money card payment transactions	nav	nav	52.35	47.61	42.99
a) Transactions at terminals by cards issued in the country <sup>12</sup>					
Cash transactions	2,445.07	2,447.29	1,979.76	2,044.58	2,082.10
<i>ATM cash withdrawals</i>	2,445.07	2,447.29	1,939.71	1,998.66	2,029.70
<i>ATM cash deposits</i>	nav	nav	40.05	45.92	52.40
POS payment transactions <sup>11</sup>	2,409.87	2,477.90	2,006.12	2,163.17	2,274.18
E-money card loading/unloading transactions <sup>13</sup>	4.47	5.02	8.66	7.94	7.59
E-money card payment transactions	nav	nav	52.35	47.61	42.99
b) Transactions at terminals in the country by cards issued outside the country <sup>14</sup>					
Cash transactions	nav	nav	nap	nap	nap
POS payment transactions	nav	nav	nap	nap	nap
E-money card loading/unloading transactions	nav	nav	nap	nap	nap
E-money card payment transactions	nav	nav	nap	nap	nap
c) Transactions at terminals outside the country by cards issued in the country					
Cash transactions	nav	nav	39.00	39.26	39.62
<i>ATM cash withdrawals</i>	nav	nav	39.00	39.26	39.62
<i>ATM cash deposits<sup>14</sup></i>	nav	nav	nap	nap	nap
POS payment transactions	nav	nav	165.85	173.48	191.73
E-money card loading/unloading transactions <sup>14</sup>	nav	nav	nap	nap	nap
E-money card payment transactions	nav	nav	nap	nap	nap

<sup>1</sup> Partly estimated for reference period 2007. Different methodology and data collection method since reporting year 2007 and therefore breaks in time series when comparing 2007 with previous years' data. <sup>2</sup> Includes transactions of national non-banks, irrespective of whether they are processed on an intra- or interbank basis. <sup>3</sup> The scope of payment transactions with cards reported in this section is not larger than that of transactions reported in the section "Transactions per type of terminal". Both sections ("Transactions per type of payment instrument" and "Transactions per type of terminal") include card transactions at virtual points of sale, eg via internet or telephone. <sup>4</sup> Up to 2006, figures only include the number of national transactions. From 2007 onwards, figures include both national and cross-border transactions. <sup>5</sup> Book-entry transactions are included since 2007. <sup>6</sup> Contains partially direct debits initiated by a payment card (electronic direct debits: so called "ELV" transactions). <sup>7</sup> Since 2007 payments with delayed debit and credit cards have included transactions with specific non-rechargeable retailer cards. For methodological reasons, all payments initiated by a payment card shall be included here (electronic direct debits: so called "ELV" transactions). However, parts of these are indistinguishably included in the item "direct debits". <sup>8</sup> Values up to 2006 includes payments by cards with a credit function. <sup>9</sup> For aggregated data up to 2006 see item "Payments with cards with a delayed debit function". <sup>10</sup> Figures collected by PaySys Consultancy GmbH; since 2008 data are not available any longer. <sup>11</sup> Includes E-money card payment transactions. <sup>12</sup> Up to 2006, transactions with cards issued in the country at terminals in and outside the country. <sup>13</sup> Up to 2006, only includes loading transactions. <sup>14</sup> Due to lack of information, these data are not published.

Table 8

Indicators of the use of payment instruments and terminals: value of transactions<sup>1</sup>

(EUR billions, total for the year)

	2005	2006	2007	2008	2009
<b>Transactions per type of payment instrument<sup>2, 3</sup></b>					
Credit transfers <sup>4, 5</sup>	31,140.93	31,719.39	60,490.85	61,150.23	55,154.25
<i>paper-based</i>	13,004.81	10,550.12	11,777.84	11,877.68	9,042.33
<i>non-paper-based</i>	18,136.12	21,169.27	48,713.01	49,272.55	46,111.92
Direct debits <sup>4, 5, 6</sup>	3,371.25	3,665.48	11,083.46	11,596.40	11,374.23
Card payments with cards issued in the country <sup>7</sup>	158.44	163.16	144.70	153.74	156.79
<i>payments by cards with a debit function</i>	121.15	123.84	103.93	110.71	114.31
<i>payments by cards with a delayed debit function<sup>8</sup></i>	37.29	39.32	30.64	32.32	30.95
<i>payments by cards with a credit function<sup>9</sup></i>	<i>nav</i>	<i>nav</i>	10.12	10.71	11.52
E-money payment transactions	0.09	0.10	0.16	0.15	0.15
<i>by cards with an e-money function</i>	0.09	0.10	0.16	0.15	0.15
<i>through other e-money storages</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Cheques <sup>4</sup>	516.49	602.29	425.55	383.21	315.69
Other payment instruments	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
Total value of transactions with payment instruments	35,187.19	36,150.42	72,144.71	73,283.73	67,001.10
<i>of which: cross-border transactions sent</i>	<i>nav</i>	<i>nav</i>	12,424	13,105	9,145
<i>Memo:</i>					
Cross-border transactions received	<i>nav</i>	<i>nav</i>	15,724.30	15,969.77	12,911.59
Payments by retailer cards with an payments function <sup>10</sup>	3.06	3.19	3.58	<i>nav</i>	<i>nav</i>

For the footnotes, see the end of the table.

Table 8 (cont)

	2005	2006	2007	2008	2009
<b>Transactions per type of terminal<sup>3</sup></b>					
Total transactions at terminals in the country					
Cash transactions	381.67	381.35	332.75	353.75	362.79
<i>ATM cash withdrawals</i>	381.67	381.35	299.11	315.36	318.50
<i>ATM cash deposits</i>	nav	nav	33.64	38.39	44.28
POS payment transactions <sup>11</sup>	158.53	163.26	129.27	136.96	139.67
E-money card loading/unloading transactions	0.11	0.13	0.20	0.19	0.20
E-money card payment transactions	nav	nav	0.16	0.15	0.15
a) Transactions at terminals by cards issued in the country <sup>12</sup>					
Cash transactions	381.67	381.35	332.75	353.75	362.79
<i>ATM cash withdrawals</i>	381.67	381.35	299.11	315.36	318.50
<i>ATM cash deposits</i>	nav	nav	33.64	38.39	44.28
POS payment transactions <sup>11</sup>	158.53	163.26	129.27	136.96	139.67
E-money card loading/unloading transactions <sup>13</sup>	0.11	0.13	0.20	0.19	0.20
E-money card payment transactions	nav	nav	0	0.15	0.14
b) Transactions at terminals in the country by cards issued outside the country <sup>14</sup>					
Cash transactions	nav	nav	nap	nap	nap
POS payment transactions	nav	nav	nap	nap	nap
E-money card loading/unloading transactions	nav	nav	nap	nap	nap
E-money card payment transactions	nav	nav	nap	nap	nap
c) Transactions at terminals outside the country by cards issued in the country					
Cash transactions	nav	nav	7.83	7.99	8.38
<i>ATM cash withdrawals</i>	nav	nav	7.83	7.99	8.38
<i>ATM cash deposits<sup>14</sup></i>	nav	nav	nap	nap	nap
POS payment transactions	nav	nav	15.59	16.93	17.26
E-money card loading/unloading transactions <sup>14</sup>	nav	nav	nap	nap	nap
E-money card payment transactions	nav	nav	nap	nap	nap

<sup>1</sup> Partly estimated for reference period 2007. Different methodology and data collection method since reporting year 2007 and therefore breaks in time series when comparing 2007 with previous years' data. <sup>2</sup> Includes transactions of national non-banks, irrespective of whether they are processed on an intra- or interbank basis. <sup>3</sup> The scope of payment transactions with cards reported in this section is not larger than that of transactions reported in the section "Transactions per type of terminal". Both sections ("Transactions per type of payment instrument" and "Transactions per type of terminal") include card transactions at virtual points of sale, eg via internet or telephone. <sup>4</sup> Up to 2006, figures only include the values of national transactions. From 2007 onwards, figures include both national and cross-border transactions. <sup>5</sup> Book-entry transactions are included since 2007. <sup>6</sup> Contains partially direct debits initiated by a payment card (electronic direct debits: so called "ELV" transactions). <sup>7</sup> Since 2007 payments with delayed debit and credit cards have included transactions with specific non-rechargeable retailer cards. For methodological reasons, all payments initiated by a payment card shall be included here (electronic direct debits: so called "ELV" transactions). However, parts of these are indistinguishably included in the item "direct debits". <sup>8</sup> Values up to 2006 includes payments by cards with a credit function. <sup>9</sup> For aggregated data up to 2006 see item "Payments with cards with a delayed debit function". <sup>10</sup> Figures collected by PaySys Consultancy GmbH; since 2008 data are not available any longer. <sup>11</sup> Includes E-money card payment transactions. <sup>12</sup> Up to 2006, transactions with cards issued in the country at terminals in and outside the country. <sup>13</sup> Up to 2006, only includes loading transactions. <sup>14</sup> Due to lack of information, these data are not published.

**Table 9**  
**Participation in selected interbank funds transfer systems<sup>1</sup>**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>Large-value payment systems</b>					
<b>T2 BBK<sup>2</sup></b>					
Number of participants	8,420	8,513	2,928	2,891	2,787
Direct participants	171	191	188	203	184
Banks	167	186	181	199	180
Central bank	2	3	4	1	1
Other direct participants	2	2	3	3	3
<i>Clearing and settlement organisations</i>	2	2	3	3	3
Indirect participants	8,249	8,322	2,740	2,688	2,603
<b>Retail payment systems</b>					
<b>RPS</b>					
Number of participants	267	252	237	256	223
Direct participants	267	252	237	256	223
Banks	266	251	236	255	222
Central bank	1	1	1	1	1
Other direct participants	0	0	0	0	0
Indirect participants	0	0	0	0	0

<sup>1</sup> Due to the migration from TARGET to TARGET2 on 19 November 2007, there are significant breaks in time series. <sup>2</sup> Before November 2007, the figures are reported for RTGS<sup>plus</sup>. Slovenia, Malta and Cyprus are included up to 19 November 2007 as indirect participants.

**Table 10**  
**Payments processed by selected interbank funds transfer systems: volume of transactions<sup>1</sup>**  
*(millions, total for the year)*

	2005	2006	2007	2008	2009
<b>Large-value payment systems</b>					
<b>T2 BBK<sup>2</sup></b>					
Credit transfers sent	35.78	37.90	47.50	41.56	44.70
<i>credit transfers sent within T2 BBK</i>	30.75	32.75	41.82	32.61	34.48
<i>credit transfers sent to another TARGET component</i>	5.02	5.15	5.68	8.95	10.22
<i>Memo:</i>					
Credit transfers received from another TARGET component	5.06	5.67	5.68	6.89	8.21
Concentration ratio in terms of volume (%)	48.0	46.0	49.0	50.0	54.0
<b>Retail payment systems</b>					
<b>RPS<sup>3</sup></b>					
Total transactions sent	2,174.70	2,297.87	2,342.98	2,465.40	2,585.55
<i>credit transfers</i>	995.07	1,027.67	1,041.35	1,058.24	1,084.00
<i>cheques and direct debits<sup>4</sup></i>	1,179.63	1,270.20	1,301.63	1,407.16	1,501.55
Concentration ratio in terms of volume (%)	28.0	29.0	29.0	30.0	32.0

<sup>1</sup> Due to the migration from TARGET to TARGET2 on 19 November 2007, there are significant breaks in time series. <sup>2</sup> Before November 2007, the figures are reported for RTGS<sup>plus</sup>. Traffic from Slovenia, Malta and Cyprus included up to 19 November 2007.

<sup>3</sup> RPS is connected to the STEP2 system of the EURO Banking Association (EBA) to carry out cross-border EU retail payments.

<sup>4</sup> Includes direct debits and other payment instruments which are technically processed like direct debits, such as debit card payments, ATM transactions, e-money payments and cheques.

**Table 11**  
**Payments processed by selected interbank funds transfer systems: value of transactions<sup>1</sup>**  
*(EUR billions, total for the year)*

	2005	2006	2007	2008	2009
<b>Large-value payment systems</b>					
<b>T2 BBK<sup>2</sup></b>					
Credit transfers sent	138,497.6	150,776.2	232,331.1	221,374.7	171,299.0
<i>credit transfers sent within T2 BBK</i>	97,203.2	104,025.4	171,666.4	169,329.4	114,904.9
<i>credit transfers sent to another TARGET component</i>	41,294.4	46,750.8	60,664.7	52,045.3	56,394.1
<i>Memo:</i>					
Credit transfers received from another TARGET component	41,316.5	46,726.1	47,738.8	53,993.9	56,276.0
Concentration ratio in terms of value (%)	54.0	53.0	62.0	35.0	31.0
<b>Retail payment systems</b>					
<b>RPS<sup>3</sup></b>					
Total transactions sent	2,101.3	2,194.7	2,261.5	2,357.2	2,295.3
<i>credit transfers</i>	1,130.7	1,229.5	1,307.1	1,396.5	1,396.2
<i>cheques and direct debits<sup>4</sup></i>	970.6	965.2	954.4	960.7	899.1
Concentration ratio in terms of value (%)	17.0	17.0	16.0	12.0	15.0

<sup>1</sup> Due to the migration from TARGET to TARGET2 on 19 November 2007, there are significant breaks in time series. <sup>2</sup> Before November 2007, the figures are reported for RTGS<sup>plus</sup>. Traffic from Slovenia, Malta and Cyprus included up to 19 November 2007.

<sup>3</sup> RPS is connected to the STEP2 system of the EURO Banking Association (EBA) to carry out cross-border EU retail payments.

<sup>4</sup> Includes direct debits and other payment instruments which are technically processed like direct debits, such as debit card payments, ATM transactions, e-money payments and cheques.



**Table 12**  
**Participation in SWIFT by domestic institutions**  
*(end of year)*

	2005	2006	2007	2008	2009
Members	104	107	106	104	109
<i>of which: live</i>	104	106	106	105	108
Sub-members	125	124	128	121	117
<i>of which: live</i>	121	120	123	117	112
Participants	75	77	97	108	115
<i>of which: live</i>	71	73	84	93	101
Total users	304	308	331	333	341
<i>of which: live</i>	296	299	313	315	321
<i>Memo:</i>					
Total SWIFT users	7,888	8,105	8,332	8,830	9,281
<i>members</i>	2,231	2,288	2,276	2,276	2,356
<i>sub-members</i>	3,077	3,120	3,212	3,305	3,306
<i>participants</i>	2,580	2,697	2,844	3,249	3,619

Source: SWIFT.

**Table 13**  
**SWIFT message flows to/from domestic users**  
*(thousands, total for the year)*

	2005	2006	2007	2008	2009
Total messages sent	245,283	268,623	320,269	326,427	310,415
<i>of which:</i>					
<i>category I</i>	69,648	72,428	76,638	67,209	64,788
<i>category II</i>	28,077	29,233	32,374	28,266	24,925
Total messages received	229,737	247,345	286,653	289,544	273,940
<i>of which:</i>					
<i>category I</i>	69,454	73,579	78,855	68,696	64,438
<i>category II</i>	37,860	38,557	43,063	39,891	35,179
Domestic traffic	60,180	49,560	71,003	70,651	67,636
<i>Memo:</i>					
Global SWIFT traffic	2,518,285	2,864,537	3,501,163	3,854,576	3,760,314

Source: SWIFT.

**Table 14**  
**Number of participants in exchanges and trading systems**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>Xetra</b>					
Total number of participants	nav	260	260	250	251
<i>central bank</i>	nav	1	1	1	1
<i>central counterparties (CCPs)</i>	nav	nav	0	0	0
<i>banks</i>	nav	nav	nav	nav	nav
<i>other</i>	nav	nav	nav	nav	nav
Number of domestic participants	nav	nav	125	121	117
<i>central bank</i>	nav	nav	1	1	1
<i>central counterparties (CCPs)</i>	nav	nav	0	0	0
<i>banks</i>	nav	nav	nav	nav	nav
<i>other</i>	nav	nav	nav	nav	nav
Number of foreign participants	nav	nav	135	129	134
<i>central bank</i>	nav	nav	0	0	0
<i>central counterparties (CCPs)</i>	nav	nav	0	0	0
<i>banks</i>	nav	nav	nav	nav	nav
<i>other</i>	nav	nav	nav	nav	nav
<b>Frankfurt (Floor)</b>					
Total number of participants	nav	nav	nav	143	133
<i>central bank</i>	nav	nav	nav	1	1
<i>central counterparties (CCPs)</i>	nav	nav	nav	0	0
<i>banks</i>	nav	nav	nav	nav	nav
<i>other</i>	nav	nav	nav	nav	nav
Number of domestic participants	nav	nav	nav	116	108
<i>central bank</i>	nav	nav	nav	1	1
<i>central counterparties (CCPs)</i>	nav	nav	nav	0	0
<i>banks</i>	nav	nav	nav	nav	nav
<i>other</i>	nav	nav	nav	nav	nav
Number of foreign participants	nav	nav	nav	27	25
<i>central bank</i>	nav	nav	nav	0	0
<i>central counterparties (CCPs)</i>	nav	nav	nav	0	0
<i>banks</i>	nav	nav	nav	nav	nav
<i>other</i>	nav	nav	nav	nav	nav
<b>Eurex<sup>1</sup></b>					
Total number of participants	389	388	398	404	413
<i>central bank</i>	0	0	0	0	0
<i>central counterparties (CCPs)</i>	0	0	0	0	0
<i>banks</i>	nav	nav	nav	nav	nav
<i>other</i>	nav	nav	nav	nav	nav
Number of domestic participants	nav	nav	81	81	81
<i>central bank</i>	nav	nav	0	0	0
<i>central counterparties (CCPs)</i>	nav	nav	0	0	0
<i>banks</i>	nav	nav	nav	nav	nav
<i>other</i>	nav	nav	nav	nav	nav
Number of foreign participants	nav	nav	317	323	332
<i>central bank</i>	nav	nav	0	0	0
<i>central counterparties (CCPs)</i>	nav	nav	0	0	0
<i>banks</i>	nav	nav	nav	nav	nav
<i>other</i>	nav	nav	nav	nav	nav

<sup>1</sup> The term "Eurex" encompasses Eurex Frankfurt AG, Eurex Bonds GmbH, Eurex Repo GmbH and Eurex Zürich AG.

**Table 15****Number of listed securities***(thousands, end of year)*

	2005	2006	2007	2008	2009
<b>Xetra</b>					
Total number of listed securities	nav	17.47	17.76	15.42	14.72
debt securities	nav	nav	nav	nav	nav
equity	nav	nav	nav	nav	nav
other	nav	nav	nav	nav	nav
<b>Frankfurt (Floor)</b>					
Total number of listed securities	81.15	149.10	277.62	441.35	397.55
debt securities	10.85	18.39	26.03	25.05	26.02
<i>short-term paper</i>	nav	nav	nav	nav	nav
<i>bonds</i>	nav	nav	nav	nav	nav
equity	0.76	0.76	0.87	0.83	0.78
other	69.53	129.95	250.72	415.47	370.75
<b>Eurex</b>					
Total number of listed securities	nap	nap	nap	nap	nap

**Table 16****Market capitalisation of listed companies***(EUR billions, end of year)*

	2005	2006	2007	2008	2009
<b>Xetra</b>					
Total market capitalisation/equity	nav	nav	nav	nav	nav
<b>Frankfurt (Floor)</b>					
Total market capitalisation/equity	1,019.17	1,241.96	1,439.96	797.06	900.77
<b>Eurex</b>					
Total market capitalisation/equity	nap	nap	nap	nap	nap

**Table 17****Number of executed trades***(thousands, total for the year)*

	2005	2006	2007	2008	2009
<b>Xetra</b>					
Total number of executed securities trades	40,181.5	53,149.1	86,897.4	122,375.9	91,008.3
debt securities <sup>1</sup>	0	1	2	264	239.1
equity <sup>2</sup>	40,181.5	53,131.4	86,880.7	119,384.7	88,535.7
other <sup>1</sup>	nav	16.4	15.0	2,727.6	2,233.5
Total number of executed derivatives trades	nap	nap	nap	nap	nap
<b>Frankfurt (Floor)</b>					
Total number of executed securities trades	50,417.7	81,686.1	88,884.0	30,568.1	19,462.5
debt securities <sup>1</sup>	2,862.9	2,911.8	2,842.2	1,213.4	1,231.6
<i>short-term paper</i>	nav	nav	nav	nav	nav
<i>bonds</i>	nav	nav	nav	nav	nav
equity <sup>2</sup>	47,554.9	55,886.8	58,138.8	24,117.5	15,379.0
other <sup>1</sup>	nav	22,887.5	27,903.0	5,237.2	2,851.9
Total number of executed derivatives trades	nap	nap	nap	nap	nap
<b>Eurex<sup>3</sup></b>					
Total number of executed securities trades	nap	nap	nap	nap	nap
Total number of executed derivatives trades	1,248,647	1,526,716	1,899,813	2,164,436	1,684,508
<i>financial futures</i>	784,838	960,611	1,146,059	1,231,370	926,134
<i>financial options</i>	463,809	566,104	753,754	933,065	758,374

<sup>1</sup> Transfer of trading of trading in structured products (certificates) to Xetra platform in spring 2008. <sup>2</sup> Since 2008, these positions have contained exchange-traded funds (ETFs) and undertakings for collective investment in transferable securities (UCITS).

<sup>3</sup> Turnovers in Germany and Switzerland.

**Table 18****Value of executed trades***(EUR billions, total for the year)*

	2005	2006	2007	2008	2009
<b>Xetra</b>					
Total value of executed securities trades	1,125.43	1,592.82	2,443.35	2,609.86	1,255.52
debt securities <sup>1</sup>	0	0	0	20	18.92
equity <sup>2</sup>	1,125.43	1,592.75	2,442.98	2,559.93	1,217.79
other <sup>1</sup>	nav	0.07	0.34	29.84	18.81
Total value of executed derivatives trades	nap	nap	nap	nap	nap
<b>Frankfurt (Floor)</b>					
Total value of executed securities trades	727.88	1,026.03	1,249.85	1,207.57	311.05
debt securities <sup>1,3</sup>	307.52	227.92	229.44	105.02	86.79
<i>short-term paper</i>	nav	nav	nav	nav	nav
<i>bonds</i>	nav	nav	nav	nav	nav
equity <sup>2</sup>	420.36	572.10	701.17	1,019.33	179.56
other <sup>1</sup>	nav	226.01	319.24	83.22	44.70
Total value of executed derivatives trades	nap	nap	nap	nap	nap
<b>Eurex<sup>4</sup></b>					
Total value of executed securities trades	nap	nap	nap	nap	nap
Total value of executed derivatives trades	90,355.4	105,998.5	124,193.7	114,194.7	79,128.4
<i>financial futures</i>	78,671.4	89,074.4	100,026.0	88,802.1	62,574.5
<i>financial options</i>	11,684.0	16,924.1	24,167.7	25,392.6	16,553.9

<sup>1</sup> Transfer of trading of trading in structured products (certificates) to Xetra platform in spring 2008. <sup>2</sup> Since 2008, these positions have contained exchange-traded funds (ETFs) and undertakings for collective investment in transferable securities (UCITS). <sup>3</sup> At market value, not nominal value. <sup>4</sup> Turnovers in Germany and Switzerland.

**Table 19**  
**Number of clearing members**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>Eurex Clearing AG</b>					
Total number of clearing members	nav	119	118	109	117
<i>central bank</i>	nav	1	1	1	1
<i>banks</i>	nav	118	117	108	116
Number of domestic clearing members	nav	53	52	49	52
<i>central bank</i>	nav	1	1	1	1
<i>banks</i>	nav	52	51	48	51
Number of foreign clearing members	nav	66	66	60	65
<i>banks</i>	nav	66	66	60	65

**Table 20**  
**Number of contracts and transactions cleared**  
*(millions, total for the year)*

	2005	2006	2007	2008	2009
<b>Eurex Clearing AG</b>					
Total number of contracts and transactions cleared	nav	3,200.46	4,019.88	4,609.52	3,575.32
Number of securities transactions cleared	nav	146.95	220.16	279.43	211.08
debt securities	nav	nav	0.18	9.37	12.79
equity	nav	146.95	219.98	270.06	198.29
<i>of which: number of repurchase transactions cleared</i>	<i>nav</i>	<i>nav</i>	<i>0.177</i>	<i>0.229</i>	<i>0.160</i>
<i>debt securities</i>	<i>nav</i>	<i>nav</i>	<i>0.177</i>	<i>0.229</i>	<i>0.160</i>
<i>short-term paper</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>bonds</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Number of exchange-traded derivatives contracts cleared <sup>1</sup>	nav	3,053.50	3,799.72	4,330.09	3,364.24
<i>financial futures</i>	<i>nav</i>	<i>1,921.91</i>	<i>2,292.23</i>	<i>2,463.13</i>	<i>1,853.50</i>
<i>financial options</i>	<i>nav</i>	<i>1,131.59</i>	<i>1,507.50</i>	<i>1,866.79</i>	<i>1,510.55</i>
<i>commodity futures</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>0.16</i>	<i>0.16</i>
<i>commodity options</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>0.00</i>	<i>0.03</i>
Number of OTC derivatives contracts cleared	nav	nap	nap	nap	nap

<sup>1</sup> Turnovers in Germany and Switzerland.

**Table 21**  
**Value of contracts and transactions cleared**  
*(EUR billions, total for the year)*

	2005	2006	2007	2008	2009
<b>Eurex Clearing AG</b>					
Total value of contracts and transactions cleared	nav	215,964.4	261,102.0	243,478.9	173,052.8
Value of securities transactions cleared	nav	3,998.5	12,729.4	15,077.4	14,746.0
debt securities	nav	302.5	7,184.2	10,195.4	12,284.0
<i>short-term paper</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>bonds</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
equity	nav	3,696.0	5,545.1	4,882.0	2,462.0
<i>of which: value of repurchase transactions cleared</i>	<i>nav</i>	<i>nav</i>	<i>6,892.7</i>	<i>10,000.7</i>	<i>12,109.4</i>
<i>debt securities</i>	<i>nav</i>	<i>nav</i>	<i>6,892.7</i>	<i>10,000.7</i>	<i>12,109.4</i>
<i>short-term paper</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>bonds</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Value of exchange-traded derivatives contracts cleared <sup>1</sup>	nav	211,965.9	248,372.6	228,401.5	158,306.7
<i>financial futures</i>	<i>nav</i>	<i>178,149.2</i>	<i>200,041.1</i>	<i>177,608.7</i>	<i>125,195.0</i>
<i>financial options</i>	<i>nav</i>	<i>33,816.7</i>	<i>48,331.6</i>	<i>50,789.3</i>	<i>33,107.8</i>
<i>commodity futures</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>3.6</i>	<i>2.3</i>
<i>commodity options</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>0.0</i>	<i>1.7</i>
Value of OTC derivatives contracts cleared	nav	nap	nap	nap	0.1

<sup>1</sup> Turnovers in Germany and Switzerland.

**Table 22**  
**Number of direct participants in CSDs**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>Clearstream Banking Frankfurt</b>					
Total number of participants	369	358	340	340	371
<i>central bank</i>	1	1	1	1	1
<i>central counterparties (CCPs)</i>	1	1	1	1	1
<i>central securities depositories</i>	10	10	10	10	10
<i>banks</i>	296	298	280	280	253
<i>other</i>	61	48	48	48	106
Number of domestic participants	246	240	217	217	209
<i>central bank</i>	1	1	1	1	1
<i>central counterparties (CCPs)</i>	1	1	1	1	1
<i>central securities depositories</i>	0	0	0	0	0
<i>banks</i>	216	209	186	186	161
<i>other</i>	28	29	29	29	46
Number of foreign participants	123	118	123	123	162
<i>central bank</i>	0	0	0	0	0
<i>central counterparties (CCPs)</i>	0	0	0	0	0
<i>central securities depositories</i>	10	10	10	10	10
<i>banks</i>	80	89	94	94	92
<i>other</i>	33	19	19	19	60

**Table 23**  
**Number of securities held on accounts at CSDs**  
*(thousands, end of year)*

	2005	2006	2007	2008	2009
<b>Clearstream Banking Frankfurt</b>					
Total number of securities held	nav	1,049	3,326	4,639	4,328
debt securities	nav	nav	nav	nav	nav
<i>short-term paper</i>	nav	nav	nav	nav	nav
<i>bonds</i>	nav	nav	nav	nav	nav
equity	nav	nav	nav	nav	nav
other <sup>1</sup>	nav	1,049	3,326	4,639	4,328

<sup>1</sup> Non-debt securities.

**Table 24**  
**Value of securities held on accounts at CSDs**  
*(EUR billions, end of year)*

	2005	2006	2007	2008	2009
<b>Clearstream Banking Frankfurt</b>					
Total value of securities held	5,687.0	6,185.6	6,152.3	2,923.2	3,132.2
debt securities	3,353.8	3,760.3	3,518.4	1,465.1	1,531.4
<i>short-term paper</i>	87.9	96.4	19.6	56.5	35.2
<i>bonds</i>	3,265.9	3,663.9	3,498.7	1,408.5	1,496.2
equity	1,946.0	2,419.2	2,518.6	1,140.0	1,309.3
other	387.2	6.2	115.3	318.1	291.5



**Table 25**  
**Number of delivery instructions processed**  
*(thousands, total for the year)*

	2005	2006	2007	2008	2009
<b>Clearstream Banking Frankfurt</b>					
Total number of delivery instructions	47,260	59,139	67,238	56,013.1	55,853.1
DVP	37,003	48,193	55,869	45,936.8	45,597.9
debt securities	2,785	11,253	13,554	3,244.4	3,754.6
<i>short-term paper</i>	139	4,519	5,199	34.2	36.6
<i>bonds</i>	2,646	6,734	8,355	3,210.2	3,718.0
equity	23,468	36,624	41,193	27,356.2	26,491.9
other	10,750	316	1,122	15,336.2	15,351.4
free of payment	10,257	10,946	11,369	10,076.3	10,255.2
debt securities	990	1,270	1,568	1,626.8	1,904.0
<i>short-term paper</i>	32	56	51	16.4	19.8
<i>bonds</i>	958	1,214	1,517	1,610.4	1,884.1
equity	9,011	9,643	9,236	8,100.1	7,983.6
other	256	33	565	349.4	367.6

**Table 26**  
**Value of delivery instructions processed**  
*(EUR billions, total for the year)*

	2005	2006	2007	2008	2009
<b>Clearstream Banking Frankfurt</b>					
Total value of delivery instructions	39,146.8	41,617.9	58,023.6	62,473.3	66,721.7
DVP	20,793.3	20,495.4	32,416.1	31,071.8	32,427.6
debt securities	14,580.4	14,968.9	24,767.8	14,172.8	15,614.6
<i>short-term paper</i>	587.5	648.1	646.5	793.4	832.2
<i>bonds</i>	13,992.8	14,320.8	24,121.3	13,379.4	14,782.4
equity	3,974.2	5,500.2	7,054.1	7,292.0	7,226.0
other	2,238.7	26.3	594.2	9,607.0	9,587.0
free of payment	18,353.5	21,122.5	25,607.5	31,401.5	34,294.1
debt securities	11,950.1	13,939.0	17,443.6	22,606.0	25,516.7
<i>short-term paper</i>	279.8	315.1	403.6	821.5	877.8
<i>bonds</i>	11,670.3	13,623.9	17,040.0	21,784.5	24,638.9
equity	4,364.6	7,170.7	8,044.0	8,699.4	8,671.2
other	2,038.8	12.8	120.0	96.1	106.2



**Table 1**  
**Basic statistical data**

	2005	2006	2007	2008	2009
Population (thousands) <sup>1</sup>	6,837.8	6,909.5	6,952.8	6,988.9	7,033.5
GDP (HKD billions)	1,382.6	1,475.4	1,615.5	1,675.3	1,632.3
GDP per capita (HKD)	202,198	213,526	232,346	239,711	232,073
Consumer price inflation (%) <sup>2</sup>	0.9	2.0	2.0	4.3	0.5
Exchange rate (HKD/USD):					
<i>end of year</i>	7.7525	7.7745	7.8015	7.7505	7.7555
<i>average</i>	7.7773	7.7677	7.8014	7.7868	7.7518

<sup>1</sup> At end-year. <sup>2</sup> Yearly average.

**Table 2**  
**Settlement media used by non-banks**  
(HKD billions, end of year)

	2005	2006	2007	2008	2009
Notes and coin in circulation outside banks <sup>1</sup>	142.31	150.23	158.01	170.48	194.32
Value of transferable deposits <sup>2</sup>	205.94	237.68	296.33	320.62	476.92
Narrow money supply (M1) <sup>3</sup>	348.25	387.91	454.34	491.10	671.24
<i>Memo:</i>					
Transferable deposits in foreign currencies	86.44	103.74	162.37	154.70	230.58
Outstanding value on e-money storages	nav	nav	nav	nav	nav

<sup>1</sup> Includes commemorative coins. <sup>2</sup> Customers' demand deposits placed with licensed banks. <sup>3</sup> Notes and coins in circulation and customers' demand deposits placed with licensed banks.

**Table 3**  
**Settlement media used by banks**  
(HKD billions, end of period unless otherwise stated)

	2005	2006	2007	2008	2009
Transferable balances held at the central bank <sup>1</sup>	1.56	2.04	10.64	158.04	264.57
<i>required reserves</i>	nap	nap	nap	nap	nap
<i>free reserves</i>	nap	nap	nap	nap	nap
Transferable balances held at other banks	nap	nap	nap	nap	nap
<i>Memo:</i>					
Credit extended by the central bank: <sup>2</sup>					
<i>intraday</i> <sup>3</sup>	10,275.24	12,443.55	14,701.76	11,981.23	6,523.53
<i>overnight</i> <sup>4</sup>	24.94	16.89	20.76	13.07	3.24
<i>longer refinancing operations</i>	nap	nap	nap	nap	nap

<sup>1</sup> Closing balance of the aggregate balance of settlement accounts. <sup>2</sup> Total for the year. <sup>3</sup> Intraday repos. <sup>4</sup> Discount window activities.

**Table 4****Banknotes and coin***(HKD millions, end of year)*

	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>
Total banknotes and coin issued	156,258	164,500	171,235	185,797	208,915
Total banknotes issued	149,295	157,385	163,435	177,225	200,185
<i>HKD 1,000</i>	79,945	84,679	76,721	84,568	104,611
<i>HKD 500</i>	38,555	41,006	53,242	57,023	58,162
<i>HKD 150</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	150
<i>HKD 100</i>	17,129	17,746	18,615	19,613	20,560
<i>HKD 50</i>	3,762	3,917	4,341	4,831	5,094
<i>HKD 20</i>	6,355	6,650	7,255	8,027	8,506
<i>HKD 10</i>	3,450	3,289	3,163	3,065	3,004
<i>other denominations</i> <sup>1</sup>	99	98	98	98	98
Total government notes issued	1,448	1,516	2,069	2,690	2,714
<i>HKD 10</i>	1,447	1,515	2,068	2,689	2,713
<i>HKD 0.01 (demonetised)</i>	1	1	1	1	1
Total coin issued	5,040	5,124	5,256	5,407	5,541
<i>HKD 10</i>	1,051	1,060	1,084	1,112	1,130
<i>HKD 5</i>	1,352	1,402	1,461	1,509	1,560
<i>HKD 2</i>	1,108	1,126	1,159	1,206	1,243
<i>HKD 1</i>	848	858	872	891	909
<i>HKD 0.5</i>	321	318	321	327	333
<i>HKD 0.2</i>	211	210	208	210	212
<i>HKD 0.1</i>	144	145	146	147	149
<i>HKD 0.05 (demonetised)</i>	5	5	5	5	5
Commemorative coins	475	475	475	475	475
Banknotes and coin held by banks	13,952	14,269	13,222	15,317	14,596
Banknotes and coin in circulation outside banks <sup>2</sup>	142,306	150,231	158,013	170,480	194,319

<sup>1</sup> HKD 25, 5 and 1 notes. <sup>2</sup> Includes commemorative coins.

**Table 5**  
**Institutions offering payment services to non-banks**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>Central bank</b>					
Number of branches or offices <sup>1</sup>	0	0	0	0	0
Number of accounts, all	nap	nap	nap	nap	nap
Value of accounts	nap	nap	nap	nap	nap
<b>Authorised institutions<sup>2</sup></b>					
Number of institutions	199	202	200	200	199
Number of branches or offices	1,502	1,515	1,551	1,587	1,578
Number of accounts	nav	nav	nav	nav	nav
Value of accounts	nav	nav	nav	nav	nav
<b>Licensed banks</b>					
Number of institutions	133	138	142	145	145
Number of branches or offices	1,356	1,364	1,406	1,445	1,438
<b>Restricted licence banks</b>					
Number of institutions	33	31	29	27	26
Number of branches or offices	38	37	35	33	31
<b>Deposit-taking companies</b>					
Number of institutions	33	33	29	28	28
Number of branches or offices	108	114	110	109	109
<b>Branches of foreign banks</b>					
Number of institutions	122	127	132	134	134
Number of branches or offices	222	232	239	251	254

<sup>1</sup> The Hong Kong Monetary Authority has one overseas representative office (in New York); it does not offer payment services to non-banks. <sup>2</sup> Licensed banks, restricted licence banks and deposit-taking companies. Each of these authorised institutions may be branches of foreign banks.

**Table 6****Payment card functions and accepting devices***(thousands, end of year)*

	2005	2006	2007	2008	2009
<b>Cards issued in the country</b>					
Cards with a debit function	nav	nav	nav	nav	nav
Cards with a credit function <sup>1</sup>	nav	nav	nav	14,045	14,497
Total number of cards (irrespective of the number of functions on the card)	nav	nav	nav	nav	nav

<sup>1</sup> This is the total number of credit cards issued in Hong Kong by American Express, China UnionPay, Diners Club, JCB, MasterCard and Visa.

**Table 7****Indicators of the use of payment instruments and terminals by non-banks: volume of transactions***(millions, total for the year)*

	2005	2006	2007	2008	2009
<b>Transactions per type of payment instrument</b>					
Card payments with cards issued in the country <sup>1</sup>	nav	nav	nav	nav	nav
<i>payments by cards with a debit function</i>	nav	nav	nav	100.3	100.7
<i>payments by cards with a credit function</i>	nav	nav	nav	321.3	338.1

<sup>1</sup> As some cards contain both debit and credit functions, this figure is not readily available.

**Table 8****Indicators of the use of payment instruments and terminals by non-banks: value of transactions***(HKD billions, total for the year)*

	2005	2006	2007	2008	2009
<b>Transactions per type of payment instrument</b>					
Card payments with cards issued in the country <sup>1</sup>	nav	nav	nav	nav	nav
<i>payments by cards with a debit function</i>	nav	nav	nav	166.4	167.3
<i>payments by cards with a credit function</i>	nav	nav	nav	303.1	302.0

<sup>1</sup> As some cards contain both debit and credit functions, this figure is not readily available.

**Table 9**  
**Participation in selected interbank funds transfer systems**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>Large-value and retail payment systems</b>					
<b>CHATS<sup>1</sup></b>					
<b>HKD CHATS</b>					
Number of participants	129	130	136	142	141
Direct participants	129	130	136	142	141
Banks	128	129	135	141	140
Central bank	0	0	0	0	0
Other direct participants	1	1	1	1	1
<i>Clearing and settlement organisations</i>	1	1	1	1	1
Indirect participants	0	0	0	0	0
<b>USD CHATS</b>					
Number of participants	230	222	231	226	229
Direct participants	68	68	74	76	80
Banks	67	67	73	75	79
Central bank	1	1	1	1	1
Other direct participants	0	0	0	0	0
Indirect participants	162	154	157	150	149
<b>EUR CHATS<sup>2</sup></b>					
Number of participants	45	47	48	50	50
Direct participants	23	25	28	30	30
Banks	22	24	27	29	29
Central bank	1	1	1	1	1
Other direct participants	0	0	0	0	0
Indirect participants	22	22	20	20	20
<b>Cheques</b>					
<b>In HKD</b>					
Number of participants	128	129	131	141	140
Direct participants	128	129	131	141	140
Banks	128	129	131	141	140
Central bank	0	0	0	0	0
Other direct participants	0	0	0	0	0
Indirect participants	nap	nap	nap	nap	nap
<b>In USD</b>					
Number of participants	79	93	88	95	101
Direct participants	79	93	88	95	101
Banks	79	93	88	95	101
Central bank	0	0	0	0	0
Other direct participants	0	0	0	0	0
Indirect participants	nav	nav	nav	nav	nav

For the footnotes, see the end of the table.

**Table 9 (cont)**

	2005	2006	2007	2008	2009
<b>ECG<sup>3</sup></b>					
<b>In HKD</b>					
Number of participants	128	129	124	141	140
Direct participants	128	129	124	141	140
Banks	128	129	124	141	140
Central bank	0	0	0	0	0
Other direct participants	0	0	0	0	0
Indirect participants	nav	nav	nav	nav	nav
<b>In USD</b>					
Number of participants	27	32	28	29	29
Direct participants	27	32	28	29	29
Banks	27	32	28	29	29
Central bank	0	0	0	0	0
Other direct participants	0	0	0	0	0
Indirect participants	nav	nav	nav	nav	nav

<sup>1</sup> Clearing House Automated Transfer System; this is the RTGS system originally designed for HKD interbank payments.

<sup>2</sup> Introduced on 28 April 2003; figures for that year represent the activities during the period from 28 April to 31 December. <sup>3</sup> ECG refers to various types of bulk electronic payments to be cleared and settled through the clearing house on a multilateral netting basis.

**Table 10****Payments processed by selected interbank funds transfer systems: volume of transactions***(millions, total for the year)*

	2005	2006	2007	2008	2009
<b>Large-value and retail payment systems</b>					
<b>CHATS<sup>1</sup></b>					
HKD CHATS	4.071	4.598	5.499	5.591	5.158
Concentration ratio in terms of volume	nav	nav	nav	nav	nav
USD CHATS	1.485	1.742	2.121	2.467	2.616
Concentration ratio in terms of volume	nav	nav	nav	nav	nav
EUR CHATS <sup>2</sup>	0.010	0.024	0.040	0.054	0.063
Concentration ratio in terms of volume	nav	nav	nav	nav	nav
<b>Cheques</b>					
In HKD	124.890	130.096	139.353	120.674	113.130
Concentration ratio in terms of volume	nav	nav	nav	nav	nav
In USD	1.250	1.622	1.834	1.870	1.837
Concentration ratio in terms of volume	nav	nav	nav	nav	nav
<b>ECG<sup>3</sup></b>					
In HKD	64.413	74.000	90.445	77.791	84.350
Concentration ratio in terms of volume	nav	nav	nav	nav	nav
In USD	0.001	0.002	0.002	0.003	0.003
Concentration ratio in terms of volume	nav	nav	nav	nav	nav

<sup>1</sup> Clearing House Automated Transfer System; this is the RTGS system originally designed for HKD interbank payments.

<sup>2</sup> Introduced on 28 April 2003; figures for that year represent the activities during the period from 28 April to 31 December. <sup>3</sup> ECG refers to various types of bulk electronic payments to be cleared and settled through the clearing house on a multilateral netting basis.



**Table 11****Payments processed by selected interbank funds transfer systems: value of transactions***(HKD billions, total for the year)*

	2005	2006	2007	2008	2009
<b>Large-value and retail payment systems</b>					
<b>CHATS<sup>1</sup></b>					
HKD CHATS	116,161	143,735	216,759	192,386	131,644
Concentration ratio in terms of value	nav	nav	nav	nav	nav
USD CHATS	12,350	12,184	16,597	19,757	16,645
Concentration ratio in terms of value	nav	nav	nav	nav	nav
EUR CHATS <sup>2</sup>	3,285	2,665	3,221	2,118	1,662
Concentration ratio in terms of value	nav	nav	nav	nav	nav
<b>Cheques</b>					
In HKD	5,990	7,820	10,743	6,966	6,346
Concentration ratio in terms of value	nav	nav	nav	nav	nav
In USD	336	361	414	451	415
Concentration ratio in terms of value	nav	nav	nav	nav	nav
<b>ECG<sup>3</sup></b>					
In HKD	15,162	31,082	66,466	42,291	41,064
Concentration ratio in terms of value	nav	nav	nav	nav	nav
In USD	6	10	16	33	14
Concentration ratio in terms of value	nav	nav	nav	nav	nav

<sup>1</sup> Clearing House Automated Transfer System; this is the RTGS system originally designed for HKD interbank payments.

<sup>2</sup> Introduced on 28 April 2003; figures for that year represent the activities during the period from 28 April to 31 December.

<sup>3</sup> ECG refers to various types of bulk electronic payments to be cleared and settled through the clearing house on a multilateral netting basis.

**Table 12**  
**Participation in SWIFT by domestic institutions**  
*(end of year)*

	2005	2006	2007	2008	2009
Members	23	26	25	24	23
<i>of which: live</i>	23	26	25	24	23
Sub-members	154	155	173	175	172
<i>of which: live</i>	152	151	166	172	169
Participants	24	21	24	28	30
<i>of which: live</i>	21	19	20	25	27
Total users	201	202	222	227	225
<i>of which: live</i>	196	196	211	221	219
<i>Memo:</i>					
Total SWIFT users	7,888	8,105	8,332	8,830	9,281
<i>members</i>	2,231	2,288	2,276	2,276	2,356
<i>sub-members</i>	3,077	3,120	3,212	3,305	3,306
<i>participants</i>	2,580	2,697	2,844	3,249	3,619

Source: SWIFT.

**Table 13**  
**SWIFT message flows to/from domestic users**  
*(thousands, total for the year)*

	2005	2006	2007	2008	2009
Total messages sent	44,548	49,169	60,470	63,908	75,051
<i>of which:</i>					
<i>category I</i>	9,433	9,874	10,408	10,310	12,054
<i>category II</i>	6,862	6,173	6,167	6,430	6,858
Total messages received	43,591	48,188	58,252	61,108	67,093
<i>of which:</i>					
<i>category I</i>	9,290	10,224	11,828	11,984	14,353
<i>category II</i>	3,208	3,311	3,885	4,142	5,361
Domestic traffic	5,667	5,522	7,159	8,040	13,798
<i>Memo:</i>					
Global SWIFT traffic	2,518,285	2,864,537	3,501,163	3,854,576	3,760,314

Source: SWIFT.

**Table 14****Number of participants in exchanges and trading systems***(end of year)*

	2005	2006	2007	2008	2009
<b>Hong Kong Stock Exchange</b>					
Total number of participants	468	469	478	487	495
<i>central bank</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
<i>central counterparties (CCPs)</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
<i>banks</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
<i>other</i>	468	469	478	487	495
Number of domestic participants	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Number of foreign participants	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>

**Table 15****Number of listed securities***(end of year)*

	2005	2006	2007	2008	2009
<b>Hong Kong Stock Exchange</b>					
Total number of listed securities	2,649	3,383	6,092	5,831	6,616
debt securities	166	180	175	172	157
<i>short-term paper</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>bonds</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
equity	1,135	1,174	1,242	1,262	1,320
other <sup>1</sup>	1,348	2,029	4,675	4,397	5,139

<sup>1</sup> Including preference shares, registered/derivative warrants, Callable Bull/Bear Contract (CBBC), equity linked instrument, unit trusts/mutual fund and rights.

**Table 16****Market capitalisation of listed companies***(HKD billions, end of year)*

	2005	2006	2007	2008	2009
<b>Hong Kong Stock Exchange</b>					
Total market capitalisation/equity	8,179.94	13,337.71	20,697.54	10,298.74	17,874.30

**Table 17****Number of executed trades***(thousands, total for the year)*

	2005	2006	2007	2008	2009
<b>Hong Kong Stock Exchange</b>					
Total number of executed securities trades	37,020.0	64,294.0	152,140.0	141,621.0	178,151.0
debt securities	nav	nav	nav	nav	nav
equity	nav	nav	nav	nav	nav
other <sup>1</sup>	37,020.0	64,294.0	152,140.0	141,621.0	178,151.0
Total number of executed derivatives trades	nap	nap	nap	nap	nap

<sup>1</sup> Including equity, debts, preference shares, registered/derivative warrants, equity linked instrument, CBBC, unit trusts/mutual fund and rights.

**Table 18****Value of executed trades***(HKD billions, total for the year)*

	2005	2006	2007	2008	2009
<b>Hong Kong Stock Exchange</b>					
Total value of executed securities trades	4,523.78	8,389.29	21,695.58	17,661.00	15,536.04
debt securities	nav	nav	nav	nav	nav
equity	nav	nav	nav	nav	nav
other <sup>1</sup>	4,523.78	8,389.29	21,695.58	17,661.00	15,536.04
Total value of executed derivatives trades	nap	nap	nap	nap	nap

<sup>1</sup> Including equity, debts, preference shares, registered/derivative warrants, equity linked instrument, CBBC, unit trusts/mutual fund and rights.

**Table 19****Number of clearing members***(end of year)*

	2005	2006	2007	2008	2009
<b>CCASS</b>					
Total number of clearing members	14,715	17,071	19,571	21,973	22,709
<i>central bank</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
<i>central counterparties (CCPs)</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
<i>banks</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>other</i> <sup>1</sup>	14,715	17,071	19,571	21,973	22,709
Number of domestic clearing members	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
Number of foreign clearing members	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>

<sup>1</sup> Including brokers, custodian, stock pledgee, clearing agency and investor participants.

**Table 20**  
**Number of contracts and transactions cleared**  
*(thousands, total for the year)*

	2005	2006	2007	2008	2009
<b>CCASS</b>					
Total number of contracts and transactions cleared	7,977	10,725	18,159	13,101	15,496
Number of securities transactions cleared	7,977	10,725	18,159	13,101	15,496
debt securities	nav	nav	nav	nav	nav
equity	nav	nav	nav	nav	nav
other <sup>1</sup>	7,977	10,725	18,159	13,101	15,496
<i>of which: number of repurchase transactions cleared</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
Number of exchange-traded derivatives contracts cleared	nap	nap	nap	nap	nap
Number of OTC derivatives contracts cleared	nap	nap	nap	nap	nap

<sup>1</sup> Including equity, debts, preference shares, registered/derivative warrants, equity linked instrument, CBBC, unit trusts/mutual fund and rights.

**Table 21**  
**Value of contracts and transactions cleared**  
*(HKD billions, total for the year)*

	2005	2006	2007	2008	2009
<b>CCASS<sup>1</sup></b>					
Total value of contracts and transactions cleared	8,411.34	15,463.68	41,130.46	33,946.96	29,329.21
Value of securities transactions cleared	8,411.34	15,463.68	41,130.46	33,946.96	29,329.21
debt securities	nav	nav	nav	nav	nav
equity	nav	nav	nav	nav	nav
other <sup>2</sup>	8,411.34	15,463.68	41,130.46	33,946.96	29,329.21
<i>of which: value of repurchase transactions cleared</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
Value of exchange-traded derivatives contracts cleared	nap	nap	nap	nap	nap
Value of OTC derivatives contracts cleared	nap	nap	nap	nap	nap

<sup>1</sup> Data for 2004-2008 revised to reflect total value of contracts and transactions cleared for Continuous Net Settlement (CNS) trades with money obligations arising from novated contracts. <sup>2</sup> Including equity, debts, preference shares, registered/derivative warrants, equity linked instrument, CBBC, unit trusts/mutual fund and rights.

**Table 22**  
**Number of direct participants in CSDs**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>CCASS</b>					
Total number of participants	14,715	17,071	19,571	21,973	22,709
<i>banks</i>	37	37	39	35	35
<i>other</i> <sup>1</sup>	14,678	17,034	19,532	21,938	22,674
Number of domestic participants	nap	nap	nap	nap	nap
Number of foreign participants	nap	nap	nap	nap	nap
<b>CMU</b> <sup>2</sup>					
Total number of participants	172	170	175	174	174
<i>central bank</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>central counterparties (CCPs)</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>central securities depositories</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>banks</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>other</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Number of domestic participants	nav	nav	nav	nav	nav
Number of foreign participants	nav	nav	nav	nav	nav

<sup>1</sup> Including brokers, investors, clearing agency and stock pledgee participants. <sup>2</sup> CMU is a CSD which provides clearing and settlement services for debt securities in Hong Kong SAR. These services are integrated with the depository services.

**Table 23****Number of securities held on accounts at CSDs***(thousands, end of year)*

	2005	2006	2007	2008	2009
<b>CCASS</b>					
Total number of securities held	2,556	3,281	5,997	5,741	6,542
debt securities	69	72	73	74	77
<i>short-term paper</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>bonds</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
equity	1,140	1,180	1,248	1,268	1,326
other <sup>1</sup>	1,347	2,029	4,676	4,399	5,139
<b>CMU<sup>2</sup></b>					
Total number of securities held	1.480	1.449	1.172	0.995	0.892
debt securities	1.480	1.449	1.172	0.995	0.892
<i>short-term paper</i>	<i>0.140</i>	<i>0.164</i>	<i>0.136</i>	<i>0.173</i>	<i>0.141</i>
<i>bonds</i>	<i>1.340</i>	<i>1.285</i>	<i>1.036</i>	<i>0.822</i>	<i>0.751</i>

<sup>1</sup> Including preference shares, registered/derivative warrants, equity linked instrument, CBBC, unit trust/mutual fund and rights.<sup>2</sup> CMU is a CSD which provides clearing and settlement services for debt securities in Hong Kong SAR. These services are integrated with the depository services.**Table 24****Value of securities held on accounts at CSDs***(HKD billions, end of year)*

	2005	2006	2007	2008	2009
<b>CCASS</b>					
Total value of securities held	3,026.86	5,754.90	10,438.86	5,040.54	9,245.11
debt securities	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
equity	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
other <sup>1</sup>	3,026.86	5,754.90	10,438.86	5,040.54	9,245.11
<b>CMU<sup>2</sup></b>					
Total value of securities held	380.65	397.09	399.17	391.68	760.14
debt securities	380.65	397.09	399.17	391.68	760.14
<i>short-term paper</i>	<i>90.76</i>	<i>97.10</i>	<i>105.64</i>	<i>122.86</i>	<i>489.87</i>
<i>bonds</i>	<i>289.89</i>	<i>300.00</i>	<i>293.52</i>	<i>268.82</i>	<i>270.27</i>

<sup>1</sup> Including equity, debts, preference shares, registered/derivative warrants, equity linked instrument, CBBC, unit trusts/mutual fund and rights. <sup>2</sup> CMU is a CSD which provides clearing and settlement services for debt securities in Hong Kong SAR. These services are integrated with the depository services.



**Table 25**  
**Number of delivery instructions processed**  
*(thousands, total for the year)*

	2005	2006	2007	2008	2009
<b>CCASS</b>					
Total number of delivery instructions <sup>1</sup>	6,348	9,101	16,670	15,680	17,484
DVP	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
free of payment	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<b>CMU</b>					
Total number of delivery instructions	39.203	36.714	39.059	33.698	60.499
DVP	32.199	32.293	34.452	31.983	59.012
debt securities	32.199	32.293	34.452	31.983	59.012
short-term paper	23.042	24.713	24.505	19.409	33.034
bonds	9.157	7.580	9.947	12.574	25.978
free of payment	7.004	4.421	4.607	1.715	1.487
debt securities	7.004	4.421	4.607	1.715	1.487
short-term paper	0.240	0.312	0.231	0.185	0.063
bonds	6.764	4.109	4.376	1.530	1.424

<sup>1</sup> Both delivering & receiving instructions are counted.

**Table 26**  
**Value of delivery instructions processed**  
*(HKD billions, total for the year)*

	2005	2006	2007	2008	2009
<b>CCASS</b>					
Total value of delivery instructions <sup>1</sup>	11,437.58	21,578.91	50,616.96	47,355.81	40,916.67
DVP	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
free of payment	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<b>CMU</b>					
Total value of delivery instructions	6,627.80	8,929.47	11,944.00	12,332.00	42,961.00
DVP	6,570.00	8,890.00	11,897.00	12,276.00	42,935.00
debt securities	6,570.00	8,890.00	11,897.00	12,276.00	42,935.00
short-term paper	6,169.18	8,601.15	11,294.00	11,257.00	33,573.00
bonds	401.29	288.62	603.00	1,019.00	9,362.00
free of payment	57.30	39.70	47.00	56.00	26.00
debt securities	57.00	40.00	47.00	56.00	26.00
short-term paper	9.98	11.79	20.00	17.00	7.00
bonds	47.34	27.91	27.00	39.00	19.00

<sup>1</sup> Both delivering & receiving instructions are counted.



**Table 1**  
**Basic statistical data**

	2005	2006	2007	2008	2009
Population (millions)	1,107	1,122	1,138	1,154	1,170
GDP (INR billions)	37,064.7	42,839.8	49,478.6	55,744.5	62,311.7
GDP per capita (INR)	33,482	38,182	43,479	48,305	53,258
Consumer price inflation (%)	4.8	4.8	4.8	8.4	10.9
Exchange rate (INR/USD):					
<i>end of year</i>	45.07	44.23	39.41	48.45	46.68
<i>average</i>	44.11	45.33	41.29	43.42	48.40

**Table 2**  
**Settlement media used by non-banks**  
*(INR billions, end of year)*

	2005	2006	2007	2008	2009
Notes and coin in circulation outside banks	4,121.24	4,828.55	5,684.11	6,663.63	7,680.48
Value of transferable deposits	5,429.34	6,748.99	9,068.19	8,725.22	10,664.56
Narrow money supply (M1)	7,377.39	8,663.60	10,213.33	11,287.12	13,309.88
<i>Memo:</i>					
Transferable deposits in foreign currencies	nav	nav	nav	nav	nav
Outstanding value on e-money storages	nav	nav	nav	nav	nav

**Table 3**  
**Settlement media used by banks**  
*(INR billions, average for December)*

	2005	2006	2007	2008	2009
Transferable balances held at the central bank	1,355.11	1,972.95	3,284.47	2,912.75	3,522.99
<i>required reserves</i>	1,097.76	1,771.22	2,597.63	2,052.37	2,752.06
<i>free reserves</i>	nav	nav	nav	nav	nav
Transferable balances held at other banks	nav	nav	nav	nav	nav
<i>Memo:</i>					
Credit extended by the central bank:					
<i>intraday</i>	nav	nav	nav	nav	nav
<i>overnight</i>	nav	nav	nav	nav	nav
<i>longer refinancing operations (repos)</i>	nav	nav	nav	nav	nav

**Table 4**  
**Banknotes and coin**  
*(INR billions, end of year)*

	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>
Total banknotes and coin issued	4,295.9	5,042.0	5,907.2	6,910.7	7,994.7
Total banknotes issued	4,219.4	4,961.4	5,816.0	6,811.1	7,883.0
<i>INR 1,000</i>	643.5	936.8	1,412.2	1,917.8	2,382.5
<i>INR 500</i>	1,823.3	2,254.0	2,631.1	3,083.0	3,644.8
<i>INR 100</i>	1,346.4	1,354.4	1,345.8	1,370.3	1,383.6
<i>INR 50</i>	278.4	279.5	265.1	244.4	210.6
<i>INR 20</i>	40.8	41.8	41.1	44.0	46.8
<i>INR 10</i>	62.7	71.6	93.3	122.2	185.4
<i>INR 5</i>	19.8	18.9	21.1	22.7	22.3
<i>INR 2</i>	4.5	4.5	6.4	6.7	7.0
Total coin issued	76.5	80.6	91.3	99.6	111.7
of which:					
<i>INR 10</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	1.6
<i>INR 5</i>	27.4	28.8	32.5	35.7	39.1
<i>INR 2</i>	13.7	14.9	19.1	22.4	26.8
<i>INR 1</i>	21.9	23.3	25.1	27.0	29.7
<i>other</i>	13.6	13.6	14.6	14.6	14.6
Banknotes and coin held by banks	174.5	212.4	223.9	247.9	311.5
Banknotes and coin in circulation outside banks	4,121.2	4,828.6	5,684.1	6,663.6	7,680.5

**Table 5**  
**Institutions offering payment services to non-banks**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>Central bank</b>					
Number of branches or offices	16	16	16	16	17
Number of accounts (thousands)	nav	nav	nav	nav	0.004
Value of accounts, all (INR billions)	nav	nav	nav	nav	2,435.2
<i>Memo:</i>					
Number of accounts, banks (thousands) <sup>1</sup>	nav	nav	nav	nav	0.133
<b>Banks</b>					
Number of institutions	2,075	1,995	1,943	1,892	1,843
Number of branches or offices	77,349	80,205	83,942	87,891	90,356
Number of accounts (thousands)	4,850.0	5,190.0	5,820.0	nav	nav
<i>of which: number of internet/PC-linked accounts</i>					
<i>(thousands)</i>					
	nav	nav	nav	nav	nav
Value of accounts (INR billions)	23,393.5	28,889.3	35,422.1	43,216.3	43,714.5
<b>Public sector banks</b>					
Number of institutions	28	28	28	27	27
Number of branches or offices	48,359	50,697	53,190	55,921	57,616
Value of accounts (INR billions)	16,224.8	19,942.0	24,538.7	31,127.5	31,183.3
<b>Private banks</b>					
Number of institutions	28	25	23	22	22
Number of branches or offices	6,658	7,208	8,269	8,965	9,412
Value of accounts (INR billions)	4,284.6	5,519.9	6,750.7	7,363.8	7,189.8
<b>Regional rural banks</b>					
Number of institutions	133	96	90	86	82
Number of branches or offices	14,496.0	14,545.0	14,749.0	15,144.0	15,475.0
Value of accounts (INR billions)	621.4	706.3	831.4	990.8	1,428.1
<b>Urban co-operative banks<sup>2</sup></b>					
Number of institutions	1,853	1,813	1,770	1,721	1,674
Number of branches or offices	7,548	7,453	7,424	7,522	7,522
Value of accounts (INR billions)	1,122.4	1,209.8	1,385.0	1,587.3	1,587.3
<b>Non-scheduled commercial banks</b>					
Number of institutions	4	4	4	4	4
Number of branches or offices	26	31	31	44	44
Value of accounts (INR billions)	2.9	3.9	5.1	6.2	7.4
<b>Branches of foreign banks</b>					
Number of institutions	29	29	28	32	34
Number of branches or offices	262	271	279	295	287
Value of accounts (INR billions)	1,137.5	1,507.5	1,911.1	2,140.8	2,318.6
<b>Other institutions offering payment services to non-banks: post office</b>					
Number of institutions <sup>4</sup>	1	1	1	1	1
Number of branches or offices	nav	nav	nav	nav	nav
Value of accounts (INR billions)	nav	nav	nav	nav	nav

For the footnotes, see the end of the table.

**Table 5 (cont)**

	2005	2006	2007	2008	2009
<b>Institutions offering payment services to non-banks (total)</b>					
Number of institutions	2,076	1,996	1,944	1,893	1,844
Number of branches or offices	77,349	80,205	83,942	87,891	82,834
Number of accounts held by non-banks (thousands)	4,851.0	5,192.0	5,816.6	nav	nav
<i>of which: number of internet/PC-linked accounts</i>	nav	nav	nav	nav	nav
Value of accounts held by non-banks (INR billions)	23,393.5	28,889.3	35,422.1	43,216.3	42,127.2
<i>Memo:</i>					
<b>Electronic money institutions</b>					
Number of institutions	nav	nav	nav	nav	nav
Outstanding value on e-money storages issued by e-money institutions	nav	nav	nav	nav	nav
<sup>1</sup> For Mumbai only. <sup>2</sup> Includes schedule and non-schedule urban co-operative banks. <sup>3</sup> Data pertains to Schedule Commercial Banks only. <sup>4</sup> Department of Post also provides payment services.					

**Table 6****Payment card functions and accepting devices***(millions, end of year)*

	2005	2006	2007	2008	2009
<b>Cards issued in the country</b>					
Cards with a cash function <sup>1</sup>	67.09	98.10	129.98	162.36	200.52
Cards with a debit function	49.76	74.98	102.44	137.43	181.97
Cards with a delayed debit function	nap	nap	nap	0.23	0.26
Cards with a credit function	17.33	23.12	27.55	24.70	18.28
Cards with an e-money function	nav	nav	nav	nav	nav
Total number of cards (irrespective of the number of functions on the card)	67.090	98.100	129.980	162.360	200.520
<i>of which: cards with a combined debit, cash and e- money function<sup>2</sup></i>	49.980	76.110	104.570	141.020	189.500
<i>Memo:</i>					
Retailer cards <sup>3</sup>	nap	nap	nap	nap	nav
<b>Terminals located in the country</b>					
ATMs	0.020	0.030	0.030	0.040	0.060
<i>ATMs with a cash withdrawal function</i>	0.020	0.030	0.030	0.040	0.060
<i>ATMs with a credit transfer function</i>	nap	nap	nap	nap	nap
POS terminals	0.280	0.320	0.420	0.450	0.490
<i>EFTPOS terminals</i>	0.280	0.320	0.420	0.450	0.490
E-money card terminals	nav	nav	nav	nav	nav
<sup>1</sup> Cooperative bank data not available. <sup>2</sup> Figures related to debit cards only. <sup>3</sup> The entities permitted to offer payment services after enactment of the Payment and Settlement Systems Act, 2007.					

**Table 7**  
**Indicators of the use of payment instruments and terminals by non-banks: volume of transactions**  
 (millions, total for the year)

	2005	2006	2007	2008	2009
<b>Transactions per type of payment instrument</b>					
Credit transfers	49.1	77.7	97.5	133.9	198.2
<i>paper-based</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
<i>non-paper-based</i>	49.1	77.7	97.5	133.9	198.2
Direct debits	36.0	75.2	127.1	160.1	150.2
Card payments with cards issued in the country	1,049.4	1,494.6	2,096.2	2,740.7	3,760.5
<i>payments by cards with a debit function</i>	<i>nav</i>	1,319.2	1,862.1	2,476.1	3,517.6
<i>payments by cards with a delayed debit function</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	0.5	6.5
<i>payments by cards with a credit function</i>	<i>nav</i>	175.4	234.1	264.1	236.4
E-money payment transactions	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
Cheques	1,286.8	1,367.3	1,460.6	1,397.4	1,379.1
Other payment instruments	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
Total number of transactions with payment instruments	1,371.8	3,014.7	3,781.4	4,432.1	5,488.0
<i>of which: cross-border transactions sent</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>Memo:</i>					
Cross-border transactions received	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<b>Transactions per type of terminal</b>					
Total transactions at terminals in the country					
Cash transactions	878.8	1,264.9	1,779.7	2,353.0	3,349.7
<i>ATM cash withdrawals</i>	878.8	1,264.9	1,779.7	2,353.0	3,349.7
<i>ATM cash deposits<sup>1</sup></i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
POS payment transactions	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
E-money card loading/unloading transactions	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
E-money card payment transactions	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
a) Transactions at terminals in the country by cards issued in the country					
Cash transactions	871.3	1,261.4	1,772.4	2,348.6	2,348.6
<i>ATM cash withdrawals</i>	871.3	1,261.4	1,772.4	2,348.6	2,348.6
<i>ATM cash deposits<sup>1</sup></i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
POS payment transactions	171.7	218.2	304.2	373.5	388.5
E-money card loading/unloading transactions	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
E-money card payment transactions	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
b) Transactions at terminals in the country by cards issued outside the country					
Cash transactions	7.5	3.5	7.2	4.4	6.1
<i>ATM cash withdrawals</i>	7.5	3.5	7.2	4.4	6.1
<i>ATM cash deposits</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
POS payment transactions	12.3	11.6	12.3	13.7	15.8
E-money card loading/unloading transactions	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
E-money card payment transactions	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
c) Transactions at terminals outside the country by cards issued in the country					
Cash transactions	1.0	1.8	2.3	2.9	3.4
<i>ATM cash withdrawals</i>	1.0	1.8	2.3	2.9	3.4
<i>ATM cash deposits</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
POS payment transactions	5.4	7.5	12.2	11.9	13.6
E-money card loading/unloading transactions	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
E-money card payment transactions	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>

<sup>1</sup> Some ATMs do have the facility of cash deposit. This information is not being collected.

**Table 8**  
**Indicators of the use of payment instruments and terminals by non-banks: value of transactions**  
*(INR billions, total for the year)*

	2005	2006	2007	2008	2009
<b>Transactions per type of payment instrument</b>					
Credit transfers	116,344.5	247,799.0	492,171.1	614,893.6	1,016,988.5
<i>paper-based</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
<i>non-paper-based</i>	116,344.5	247,799.0	492,171.1	614,893.6	1,016,988.5
Direct debits	129.9	254.4	489.4	669.8	698.2
Card payments with cards issued in the country	<i>nav</i>	3,448.3	5,086.6	7,008.4	9,440.4
<i>payments by cards with a debit function</i>	<i>nav</i>	3,006.9	4,472.0	6,317.9	8,742.5
<i>payments by cards with a delayed debit function</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	4.8	54.1
<i>payments by cards with a credit function</i>	<i>nav</i>	441.4	614.5	685.7	643.9
E-money payment transactions	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Cheques	113,291.3	120,424.3	133,960.7	124,691.3	104,099.4
Other payment instruments	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
Total value of transactions with payment instruments	229,765.7	371,925.9	631,707.7	747,263.0	1,131,226.5
of which: <i>cross-border transactions sent</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
<i>Memo:</i>					
Cross-border transactions received	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
<b>Transactions per type of terminal</b>					
Total transactions at terminals in the country					
Cash transactions	1,923.57	2,952.95	4,381.51	6,164.56	8,491.13
<i>ATM cash withdrawals</i>	1,923.57	2,952.95	4,381.51	6,164.56	8,491.13
<i>ATM cash deposits</i> <sup>1</sup>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
POS payment transactions	356.77	495.33	705.06	839.03	895.16
E-money card loading/unloading transactions	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
E-money card payment transactions	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
a) Transactions at terminals in the country by cards issued in the country					
Cash transactions	1,901.29	2,929.30	4,350.39	6,126.32	8,445.27
<i>ATM cash withdrawals</i>	1,901.29	2,929.30	4,350.39	6,126.32	8,445.27
<i>ATM cash deposits</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
POS payment transactions	315.36	406.76	600.28	729.53	760.45
E-money card loading/unloading transactions	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
E-money card payment transactions	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
b) Transactions at terminals in the country by cards issued outside the country					
Cash transactions	22.28	23.65	31.12	38.24	45.86
<i>ATM cash withdrawals</i>	22.28	23.65	31.12	38.24	45.86
<i>ATM cash deposits</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
POS payment transactions	67.11	88.57	104.78	109.50	134.72
E-money card loading/unloading transactions	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
E-money card payment transactions	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
c) Transactions at terminals outside the country by cards issued in the country					
Cash transactions	11.44	22.64	33.90	42.24	45.61
<i>ATM cash withdrawals</i>	11.44	22.64	33.90	42.24	45.61
<i>ATM cash deposits</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
POS payment transactions	24.26	35.57	54.31	59.21	78.57
E-money card loading/unloading transactions	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
E-money card payment transactions	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>

<sup>1</sup> Some ATMs do have the facility of cash deposit. This information is not being collected.



**Table 9**  
**Participation in selected interbank funds transfer systems**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>Large-value payment systems</b>					
<b>RTGS</b>					
Number of participants	117	106	105	106	119
Direct participants	117	106	105	106	119
Banks	95	95	95	97	106
Central bank	1	1	1	1	1
Other direct participants	21	10	9	8	12
<i>Clearing and settlement organisations</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	3
<i>Other financial institutions</i> <sup>1</sup>	14	10	9	8	9
<i>Other</i>	7	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
Indirect participants	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
<b>Retail payment systems</b>					
<b>Cheque clearing</b>					
Number of participants <sup>2</sup>	115	115	115	115	211
Direct participants	115	115	115	115	115
Banks	113	113	113	113	113
Central bank	1	1	1	1	1
Other direct participants	1	1	1	1	1
<i>Postal institution</i>	1	1	1	1	1
Indirect participants <sup>3</sup>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	96
<b>ECS/ NECS</b>					
Number of participants	<i>nav</i>	<i>nav</i>	<i>nav</i>	114	117
Direct participants	<i>nav</i>	<i>nav</i>	<i>nav</i>	114	117
Banks	<i>nav</i>	<i>nav</i>	<i>nav</i>	112	115
Central bank	<i>nav</i>	<i>nav</i>	<i>nav</i>	1	1
Other direct participants	<i>nav</i>	<i>nav</i>	<i>nav</i>	1	1
<i>Postal institution</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	1	1
Indirect participants	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<b>NEFT</b>					
Number of participants <sup>5</sup>	22	56	85	89	95
Direct participants	22	56	85	89	95
Banks	22	56	84	88	93
Central bank	<i>nav</i>	<i>nav</i>	1	1	1
Other direct participants	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	1
<i>Other financial institutions</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	1
Indirect participants <sup>3</sup>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<b>Card based payment</b>					
Number of participants <sup>6</sup>	<i>nav</i>	48	54	53	53
Direct participants	<i>nav</i>	48	54	53	53
Banks	<i>nav</i>	48	54	53	53
Central bank	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Other direct participants	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Indirect participants	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>

<sup>1</sup> Deposit Insurance and Credit Guarantee Corporation of India. <sup>2</sup> Data pertains to Mumbai only. <sup>3</sup> Indicates sub members.

<sup>4</sup> The participant details pertains to National ECS/NECS centralised at Mumbai. <sup>5</sup> Indicates participant details for NEFT system operationalised since November 2005. <sup>6</sup> Data pertains to Schedule Commercial Banks only.

**Table 10**  
**Payments processed by selected interbank funds transfer systems: volume of transactions**  
*(millions, total for the year)*

	2005	2006	2007	2008	2009
<b>Large-value payment systems</b>					
<b>RTGS</b>					
Total transactions sent	1.77	3.88	5.84	13.37	33.24
Concentration ratio in terms of volume (%)	nav	nav	40.0	41.0	33.0
<b>Retail payment systems</b>					
<b>Cheque clearing</b>					
Total transactions sent <sup>1</sup>	1286.8	1367.3	1460.6	1397.4	1379.1
<i>cheques</i>	1286.8	1367.3	1460.6	1397.4	1379.1
Concentration ratio in terms of volume (%)	nav	45.0	39.0	32.0	25.0
<b>ECS/ NECS</b>					
Total transactions sent	80.2	144.2	205.5	248.4	247.4
<i>credit transfers</i>	44.2	69.0	78.4	88.4	98.1
<i>direct debits</i>	36.0	75.2	127.1	160.1	149.3
Concentration ratio in terms of volume (%)	nav	4.8	5.4	5.6	4.5
<b>NEFT</b>					
Total transactions sent	3.1	4.8	13.3	32.2	66.3
<i>credit transfers</i>	3.1	4.8	13.3	32.2	66.3
Concentration ratio in terms of volume (%)	nav	0.2	0.4	0.7	1.2
<b>Card based payment</b>					
Total transactions sent <sup>2</sup>	nav	1494.6	2096.2	2740.2	3754.0
<i>card payments</i> <sup>3</sup>	nav	229.7	316.5	387.2	404.4
<i>ATM transactions</i>	nav	1264.9	1779.7	2353.0	3349.7
Concentration ratio in terms of volume (%)	nav	0.5	0.6	0.6	0.7

<sup>1</sup> The data is for total volume of cheques cleared in the country. <sup>2</sup> POS payment transactions (irrespective of type of card used).

<sup>3</sup> Data pertains to Schedule Commercial Banks only.

**Table 11**  
**Payments processed by selected interbank funds transfer systems: value of transactions**  
*(INR billions, total for the year)*

	2005	2006	2007	2008	2009
<b>Large-value and retail payment systems</b>					
<b>RTGS</b>					
Total transactions sent	115,408.4	184,811.6	273,183.3	322,798.8	394,533.6
Concentration ratio in terms of value (%)	nav	nav	47.0	46.0	46.0
<b>Retail payment systems</b>					
<b>Cheque clearing</b>					
Total transactions sent <sup>1</sup>	113,291.3	120,424.3	133,960.7	124,691.3	104,019.7
<i>cheques</i>	113,291.3	120,424.3	133,960.7	124,691.3	104,019.7
Concentration ratio in terms of value (%)	nav	96.0	90.0	92.0	87.0
<b>ECS/ NECS</b>					
Total transactions sent	453.1	1,087.1	8,311.6	1,644.6	1,871.4
<i>credit transfers</i>	323.2	832.7	7,822.2	974.9	1,176.1
<i>direct debits</i>	129.9	254.4	489.4	669.8	695.2
Concentration ratio in terms of value (%)	nav	0.9	5.6	1.2	1.6
<b>NEFT</b>					
Total transactions sent	612.9	774.5	1,403.3	2,519.6	4,095.1
<i>credit transfers</i>	612.9	774.5	1,403.3	2,519.6	4,095.1
Concentration ratio in terms of value (%)	nav	0.6	0.9	1.9	3.4
<b>Card based payment</b>					
Total transactions sent <sup>2</sup>	nav	3,448.3	5,086.6	7,003.6	9,386.3
<i>card payments</i> <sup>3</sup>	nav	495.3	705.1	839.0	895.2
<i>ATM transactions</i>	nav	2,953.0	4,381.5	6,164.6	8,491.1
Concentration ratio in terms of value (%)	nav	0.0	0.0	0.1	0.1

<sup>1</sup> The data is for total value of cheques cleared in the country. <sup>2</sup> POS payment transactions (irrespective of type of card used). <sup>3</sup> Data pertains to Schedule Commercial Banks only.

**Table 12**  
**Participation in SWIFT by domestic institutions**  
*(end of year)*

	2005	2006	2007	2008	2009
Members	48	48	45	43	44
<i>of which: live</i>	48	48	45	44	44
Sub-members	31	30	30	31	32
<i>of which: live</i>	31	30	30	30	31
Participants	16	15	18	20	19
<i>of which: live</i>	16	15	16	18	18
Total users	95	93	93	94	95
<i>of which: live</i>	95	93	91	92	93
<i>Memo:</i>					
Total SWIFT users	7,888	8,105	8,332	8,830	9,281
<i>members</i>	2,231	2,288	2,276	2,276	2,356
<i>sub-members</i>	3,077	3,120	3,212	3,305	3,306
<i>participants</i>	2,580	2,697	2,844	3,249	3,619

Source: SWIFT.

**Table 13**  
**SWIFT message flows to/from domestic users**  
*(thousands, total for the year)*

	2005	2006	2007	2008	2009
Total messages sent	8,498	9,627	11,769	13,860	15,312
<i>of which:</i>					
<i>category I</i>	2,055	2,219	2,652	2,961	3,088
<i>category II</i>	1,363	1,345	1,358	1,383	1,294
Total messages received	12,636	14,215	15,913	17,612	17,806
<i>of which:</i>					
<i>category I</i>	4,112	4,739	5,409	6,504	6,950
<i>category II</i>	1,005	1,151	1,273	1,425	1,433
Domestic traffic	167	64	107	126	158
<i>Memo:</i>					
Global SWIFT traffic	2,518,285	2,864,537	3,501,163	3,854,576	3,760,314

Source: SWIFT.

**Table 14**  
**Number of participants in exchanges and trading systems**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>NDS</b>					
Total number of participants <sup>1</sup>	142	143	149	149	149
<i>central bank</i>	1	1	1	1	1
<i>central counterparties (CCPs)</i>	1	1	1	1	1
<i>banks</i>	91	91	92	92	92
<i>other</i>	49	50	55	55	55
Number of domestic participants	142	143	149	149	149
<i>central bank</i>	1	1	1	1	1
<i>central counterparties (CCPs)</i>	1	1	1	1	1
<i>banks</i>	91	91	92	92	92
<i>other</i>	49	50	55	55	55
Number of foreign participants	nav	nav	nav	nav	nav
<b>NSE</b>					
Total number of participants	nav	nav	nav	nav	nav
<b>BSE</b>					
Total number of participants	1,113	1,241	1,387	1,015	1,396
<i>central counterparties (CCPs)</i>	1	1	1	1	1
<i>banks</i>	7	9	10	11	12
<i>other</i>	1,105	1,231	1,376	1,003	1,383
Number of domestic participants	1,113	1,241	1,387	1,015	1,396
<i>central counterparties (CCPs)</i>	1	1	1	1	1
<i>banks</i>	7	9	10	11	12
<i>other</i>	1,105	1,231	1,376	1,003	1,383
Number of foreign participants	nav	nav	nav	nav	nav

<sup>1</sup> All participants are domestic.

**Table 15****Number of listed securities***(thousands, end of year)*

	2005	2006	2007	2008	2009
<b>NDS</b>					
Total number of listed securities	1.316	1.367	1.284	1.338	1.459
debt securities	1.316	1.367	1.284	1.338	1.459
<i>short-term paper</i>	0.056	0.052	0.040	0.052	0.052
<i>bonds</i>	1.260	1.315	1.244	1.286	1.407
equity	nav	nav	nav	nav	nav
other	nav	nav	nav	nav	nav
<b>NSE</b>					
Total number of listed securities	1.392	1.488	1.604	1.583	1.806
debt securities <sup>1</sup>	0.007	0.010	0.011	0.016	0.027
<i>short-term paper</i>	0.000	0.000	0.000	0.000	0.000
<i>bonds</i> <sup>2</sup>	0.423	0.359	0.321	0.245	0.198
equity	0.922	1.081	1.233	1.291	1.365
other	0.040	0.038	0.039	0.031	0.216
<b>BSE</b>					
Total number of listed securities	7.311	7.561	7.681	7.729	8.072
debt securities	nav	nav	nav	nav	nav
equity	nav	nav	nav	nav	nav
other	nav	nav	nav	nav	nav

<sup>1</sup> Debentures issued by companies listed on the CM segment of the Exchange have been included. <sup>2</sup> Government securities and bonds issued by companies listed on the CM segment have been included.

**Table 16****Market capitalisation of listed companies***(INR billions, end of year)*

	2005	2006	2007	2008	2009
<b>NDS</b>					
Total market capitalisation/equity	nav	nav	nav	nav	nav
<b>NSE</b>					
Total market capitalisation/equity	28,132	33,673	48,581	28,962	60,092
<b>BSE</b>					
Total market capitalisation/equity	30,222	35,450	51,380	30,861	61,656

**Table 17****Number of executed trades***(millions, total for the year)*

	2005	2006	2007	2008	2009
<b>NDS</b>					
Total number of executed securities trades	0.126	0.137	0.208	0.269	0.355
debt securities	0.126	0.137	0.189	0.246	0.317
<i>short-term paper</i>	0.009	0.005	0.007	0.007	0.009
<i>bonds</i>	0.117	0.132	0.182	0.239	0.308
other <sup>1</sup>	nav	nav	0.019	0.023	0.038
Total number of executed derivatives trades	nav	nav	nav	0.046	0.021
<i>financial futures</i>	nav	nav	nav	nav	nav
<i>financial options</i>	nav	nav	nav	nav	nav
<i>other financial derivatives</i>	nav	nav	nav	0.046	0.021
<b>NSE</b>					
Total number of executed securities trades	608.90	784.70	1,172.73	1,365.05	1,681.57
debt securities	0.03	0.02	0.01	0.01	0.09
<i>bonds</i> <sup>2</sup>	0.03	0.02	0.01	0.01	0.09
equity	608.83	784.19	1172.39	1364.46	1681.24
other	0.04	0.49	0.33	0.58	0.24
Total number of executed derivatives trades	157.6	216.9	425.0	690.1	1,058.1
<i>financial futures</i>	139.4	186.4	360.2	464.7	702.7
<i>financial options</i>	18.2	30.4	64.8	225.4	355.4
<b>BSE</b>					
Total number of executed securities trades	264.01	346.22	530.34	540.80	605.59
debt securities	0.03	0.02	0.02	0.42	0.20
equity	263.97	346.20	530.32	540.38	605.38
Total number of executed derivatives trades	0.000	1.781	7.453	0.679	0.009
<i>financial futures</i> <sup>3</sup>	0.000	1.781	7.452	0.496	0.004
<i>financial options</i> <sup>4</sup>	0.000	0.000	0.001	0.000	0.005
<i>other financial derivatives</i> <sup>5</sup>	0	0	0	0.182	0.000

<sup>1</sup> Corporate bond; OTC trades (Source: SEBI website). <sup>2</sup> Include debentures. <sup>3</sup> Consists of index futures and company futures.

<sup>4</sup> Consists of index based options and company options. <sup>5</sup> Consists of figures related to currency derivatives.

**Table 18****Value of executed trades***(INR billions, total for the year)*

	2005	2006	2007	2008	2009
<b>NDS</b>					
Total value of executed securities trades	8,647.5	10,215.4	17,497.4	23,084.0	33,140.9
debt securities	8,647.5	10,215.4	16,538.5	21,602.3	29,128.9
<i>short-term paper</i>	1,898.4	1,269.6	1,719.1	1,704.4	3,622.8
<i>bonds</i>	6,749.1	8,945.8	14,819.4	19,898.0	25,506.1
equity	nav	nav	nav	nav	nav
other <sup>1</sup>	nav	nav	958.9	1,481.7	4,012.0
Total value of executed derivatives trades	nav	nav	nav	28,757.5	15,096.8
<i>financial futures</i>	nav	nav	nav	nav	nav
<i>financial options</i>	nav	nav	nav	nav	nav
<i>other financial derivatives</i>	nav	nav	nav	28,757.5	15,096.8
<b>NSE</b>					
Total value of executed securities trades	15,695.6	19,452.9	35,510.4	27,520.2	41,380.2
debt securities	2.8	1.4	0.8	1.4	5.2
<i>bonds</i> <sup>2</sup>	2.8	1.4	0.8	1.4	5.2
equity	15692.1	19440.1	35498.8	27506.4	41366.8
other	0.6	11.3	10.8	12.4	8.2
Total value of executed derivatives trades	48,242.5	73,562.7	130,904.8	111,727.5	194,492.5
<i>financial futures</i>	43,055.1	63,705.5	113,692.3	72,120.3	109,152.2
<i>financial options</i>	5,187.4	9,857.2	17,212.5	39,607.3	85,340.3
<b>BSE</b>					
Total value of executed securities trades	8,160.7	9,561.9	15,788.6	11,000.7	13,788.1
debt securities	2.7	1.7	2.4	7.5	15.9
equity	8,158.0	9,560.2	15,786.2	10,993.2	13,772.2
other	nav	nav	nav	nav	nav
Total value of executed derivatives trades	0.060	590.063	2423.080	124.620	2.340
<i>financial futures</i> <sup>3</sup>	0.060	590.063	2422.690	115.840	0.960
<i>financial options</i> <sup>4</sup>	0	0.000	0.390	0.090	1.380
<i>other financial derivatives</i> <sup>5</sup>	0	0	0	8.688	0

<sup>1</sup> Corporate bond; OTC trades (Source: SEBI website). <sup>2</sup> Include debentures. <sup>3</sup> Consists of index futures and company futures.

<sup>4</sup> Consists of index based options and company options. <sup>5</sup> Consists of figures related to currency derivatives.



**Table 19**  
**Number of clearing members**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>CCIL</b>					
Total number of clearing members	198	195	204	204	223
<i>central bank</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
<i>central counterparties (CCPs)</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
<i>banks</i>	140	131	123	118	127
<i>other</i>	58	64	81	86	96
Number of domestic clearing members	198	195	204	204	223
<i>central bank</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
<i>central counterparties (CCPs)</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
<i>banks</i>	140	131	123	118	127
<i>other</i>	58	64	81	86	96
Number of foreign clearing members	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
<b>NSCCL</b>					
Total number of clearing members	966	1,029	1,096	1,204	1,277
<i>central bank</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
<i>central counterparties (CCPs)</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
<i>banks</i>	12	12	12	13	14
<i>other</i> <sup>1</sup>	954	1,017	1,084	1,191	1,263
Number of domestic clearing members	966	1,029	1,096	1,204	1,277
<i>central bank</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
<i>central counterparties (CCPs)</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
<i>banks</i>	12	12	12	13	14
<i>other</i> <sup>1</sup>	954	1,017	1,084	1,191	1,263
Number of foreign clearing members	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
<b>BOISL</b>					
Total number of clearing members	840	906	957	990	1,002
<i>central bank</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
<i>central counterparties (CCPs)</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
<i>banks</i>	7	9	10	11	12
<i>other</i>	833	897	947	979	990
Number of domestic clearing members	840	906	957	990	1,002
<i>central bank</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
<i>central counterparties (CCPs)</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
<i>banks</i>	7	9	10	11	12
<i>other</i>	833	897	947	979	990
Number of foreign clearing members	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>

<sup>1</sup> Include brokers and financial institutions etc.

**Table 20**  
**Number of contracts and transactions cleared**  
*(millions, total for the year)*

	2005	2006	2007	2008	2009
<b>CCIL</b>					
Total number of contracts and transactions cleared	0.151	0.167	0.255	0.310	0.370
Number of securities transactions cleared	0.151	0.167	0.215	0.270	0.350
debt securities	0.151	0.167	0.215	0.270	0.350
<i>short-term paper</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
<i>bonds</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
<i>of which: number of repurchase transactions cleared</i>					
<i>debt securities</i>	0.025	0.030	0.027	0.020	0.030
<i>short-term paper</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
<i>bonds</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
Number of exchange-traded derivatives contracts cleared	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
Number of OTC derivatives contracts cleared	<i>nap</i>	<i>nap</i>	0.04	0.04	0.02
<i>financial futures</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
<i>financial options</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
<i>other financial derivatives</i> <sup>1</sup>	<i>nap</i>	<i>nap</i>	0.04	0.04	0.02
<b>NSCCL</b>					
Total number of contracts and transactions cleared	766.4	1,001.5	1,597.7	2,055.2	2,740.1
Number of securities transactions cleared	608.8	784.6	1,172.7	1,365.1	1,682.0
equity <sup>2</sup>	608.8	784.6	1,172.7	1,365.1	1,682.0
<i>of which: number of repurchase transactions cleared</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Number of exchange-traded derivatives contracts cleared	157.6	216.9	425.0	690.1	1,058.1
<i>financial futures</i> <sup>3</sup>	139.4	186.4	360.2	464.7	702.7
<i>financial options</i> <sup>4</sup>	18.2	30.4	64.8	225.4	355.4
Number of OTC derivatives contracts cleared	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
For the footnotes, see the end of the table.					

**Table 20 (cont)**

	2005	2006	2007	2008	2009
<b>BOISL</b>					
Total number of contracts and transactions cleared	264.3	346.2	530.3	540.8	605.6
Number of securities transactions cleared	264.3	346.2	530.3	540.8	605.6
debt securities	nav	nav	nav	nav	nav
equity	nav	nav	nav	nav	nav
other	nav	nav	nav	nav	nav
<i>of which: number of repurchase transactions cleared</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
Number of exchange-traded derivatives contracts cleared	nav	nav	nav	nav	nav
Number of OTC derivatives contracts cleared	nap	nap	nap	nap	nap

<sup>1</sup> CCIL provides central trade processing services in Rupee Interest Rate Swaps (IRS) and Forward Rate Agreements (FRA). CCIL extends post-trade processing services like Interest Rate Reset, Tracking payment obligation of members on their outstanding contracts etc. and settlement on Non Guaranteed basis. <sup>2</sup> Transactions cleared in cash segment. <sup>3</sup> Data pertains to stock and index futures. <sup>4</sup> Data pertains to stock and index options.

**Table 21**  
**Value of contracts and transactions cleared**  
*(INR billions, total for the year)*

	2005	2006	2007	2008	2009
<b>CCIL</b>					
Total value of contracts and transactions cleared	25,592.60	35,780.37	79,465.30	90,825.50	104,936.52
Value of securities transactions cleared	25,592.60	35,780.37	56,026.02	62,545.19	89,867.19
debt securities	25,592.60	35,780.37	56,026.02	62,545.19	89,867.19
<i>short-term paper</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
<i>bonds</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
<i>of which: value of repurchase transactions cleared</i>					
<i>debt securities</i>	16,945.09	25,565.02	39,487.51	40,942.86	60,728.29
<i>short-term paper</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
<i>bonds</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
Value of exchange-traded derivatives contracts cleared	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
Value of OTC derivatives contracts cleared <sup>1</sup>	<i>nap</i>	<i>nap</i>	23,439.28	28,280.31	15,069.33
<i>financial futures</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
<i>financial options</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
<i>other financial derivatives</i>	<i>nap</i>	<i>nap</i>	23,439.28	28,280.31	15,069.33
<b>NSCCL</b>					
Total value of contracts and transactions cleared	4,378.75	6,109.29	11,293.22	7,037.42	9,958.64
Value of securities transactions cleared	4,093.53	5,444.34	9,728.03	6,115.35	9,177.05
equity	4,093.53	5,444.34	9,728.03	6,115.35	9,177.05
<i>of which: value of repurchase transactions cleared</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Value of exchange-traded derivatives contracts cleared					
<i>financial futures</i>	285.22	664.94	1,565.19	922.07	781.59
<i>financial options</i>	261.83	621.11	1,459.67	770.59	632.68
<i>financial options</i>	23.38	43.83	105.52	151.48	148.92
Value of OTC derivatives contracts cleared	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<b>BOISL</b>					
Total value of contracts and transactions cleared	2,725.60	2,988.20	4,778.30	2,309.60	3,121.00
Value of securities transactions cleared	2,725.60	2,988.20	4,778.30	2,309.60	3,121.00
debt securities	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
equity	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
other	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>of which: value of repurchase transactions cleared</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Value of exchange-traded derivatives contracts cleared	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Value of OTC derivatives contracts cleared	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>

<sup>1</sup> Post trade processing, including arriving at settlement obligation (clearing) of OTC derivatives (IRS & FRAs) is being undertaken from August 2007. Settlement is currently bilateral. <sup>2</sup> Transactions cleared in cash segment. <sup>3</sup> Data pertains to stock and index futures. <sup>4</sup> Data pertains to stock and index options.

**Table 22**  
**Number of direct participants in CSDs**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>RBI (SSS)</b>					
Total number of participants	nav	nav	nav	nav	168
<i>central bank</i>	nav	nav	nav	nav	1
<i>central counterparties (CCPs)</i>	nav	nav	nav	nav	1
<i>central securities depositories</i>	nav	nav	nav	nav	2
<i>banks</i>	nav	nav	nav	nav	94
<i>other</i>	nav	nav	nav	nav	70
Number of domestic participants	nav	nav	nav	nav	168
<i>central bank</i>	nav	nav	nav	nav	1
<i>central counterparties (CCPs)</i>	nav	nav	nav	nav	1
<i>central securities depositories</i>	nav	nav	nav	nav	2
<i>banks</i>	nav	nav	nav	nav	94
<i>other</i> <sup>1</sup>	nav	nav	nav	nav	70
Number of foreign participants	nav	nav	nav	nav	nav
<b>NSDL</b>					
Total number of participants	222	239	250	274	286
<i>central bank</i>	nap	nap	nap	nap	nap
<i>central counterparties (CCPs)</i>	7	7	7	7	7
<i>central securities depositories</i>	nap	nap	nap	nap	nap
<i>banks</i>	48	52	54	56	56
<i>other</i>	167	180	189	211	223
Number of domestic participants	222	239	250	274	286
<i>central bank</i>	nap	nap	nap	nap	nap
<i>central counterparties (CCPs)</i>	7	7	7	7	7
<i>central securities depositories</i>	nap	nap	nap	nap	nap
<i>banks</i>	48	52	54	56	56
<i>other</i>	167	180	189	211	223
Number of foreign participants	nap	nap	nap	nap	nap
<b>CDSL</b>					
Total number of participants	309	363	415	466	502
<i>central bank</i>	nap	nap	nap	nap	nap
<i>central counterparties (CCPs)</i>	5	5	5	5	7
<i>central securities depositories</i>	0	0	0	0	0
<i>banks</i>	40	39	45	46	47
<i>other</i>	264	319	365	415	448
Number of domestic participants	309	363	415	466	502
<i>central bank</i>	nap	nap	nap	nap	nap
<i>central counterparties (CCPs)</i>	5	5	5	5	7
<i>central securities depositories</i>	0	0	0	0	0
<i>banks</i>	40	39	45	46	47
<i>other</i>	264	319	365	415	448
Number of foreign participants	nap	nap	nap	nap	nap

<sup>1</sup> Includes financial institutions, primary dealers, insurance companies, state government, provident funds, mutual funds and trusts.

**Table 23****Number of securities held on accounts at CSDs***(millions, end of year)*

	2005	2006	2007	2008	2009
<b>RBI (SSS)</b>					
Total number of securities held	nav	nav	nav	nav	0.002
debt securities	nav	nav	nav	nav	0.002
<i>short-term paper</i>	nav	nav	nav	nav	0.002
<i>bonds</i>	nav	nav	nav	nav	0.000
other <sup>1</sup>	nav	nav	nav	nav	0.000
<b>NSDL</b>					
Total number of securities held	174,722.1	202,701.3	236,897.0	282,870.0	351,137.8
debt securities	18,790.1	18,831.9	6,830.0	7,008.2	9,847.5
<i>short-term paper</i>	5.5	12.3	21.0	24.3	40.1
<i>bonds</i>	18,784.6	18,819.6	6,809.0	6,983.9	9,807.4
equity	141,253.2	168,017.7	214,325.3	259,399.1	322,754.0
other	14,678.8	15,851.7	15,741.7	16,462.8	18,536.3
<b>CDSL</b>					
Total number of securities held	27,217.4	31,253.9	49,815.3	70,822.9	77,953.7
debt securities	91.0	94.4	911.2	899.2	871.4
equity	26,938.7	30,755.1	47,783.6	68,501.1	74,897.6
other	187.7	404.3	1,120.5	1,422.7	2,184.7

<sup>1</sup> Includes relief bonds.**Table 24****Value of securities held on accounts at CSDs***(INR billions, end of year)*

	2005	2006	2007	2008	2009
<b>RBI (SSS)</b>					
Total value of securities held	nav	nav	nav	nav	28,358.25
debt securities	nav	nav	nav	nav	28,351.52
<i>short-term paper</i>	nav	nav	nav	nav	27,127.38
<i>bonds</i>	nav	nav	nav	nav	1,224.14
other	nav	nav	nav	nav	6.73
<b>NSDL</b>					
Total value of securities held	24,789.4	31,426.5	43,769.5	31,066.2	56,178.4
debt securities	4,108.0	5,514.4	7,255.0	8,808.0	12,117.7
<i>short-term paper</i>	682.4	1,479.6	2,460.2	2,875.5	4,793.0
<i>bonds</i>	3,425.5	4,034.8	4,794.9	5,932.6	7,324.7
equity	19,965.7	25,110.7	35,239.8	21,114.6	43,110.3
other	715.7	801.4	1,274.7	1,143.6	950.5
<b>CDSL</b>					
Total value of securities held	2,358.3	2,831.4	5,897.4	4,394.1	8,386.1
debt securities	66.7	79.9	234.4	230.5	326.7
<i>short-term paper</i>	10.7	11.2	9.8	11.4	11.1
<i>bonds</i>	56.0	68.7	224.6	219.1	315.6
equity	2,284.5	2,738.8	5,638.8	4,131.3	8,011.4
other	7.1	12.7	24.2	32.2	47.9

**Table 25**  
**Number of delivery instructions processed**  
*(thousands, total for the year)*

	2005	2006	2007	2008	2009
<b>RBI (SSS)</b>					
Total number of delivery instructions	nav	nav	nav	nav	33.3
DVP	nav	nav	nav	nav	33.3
debt securities	nav	nav	nav	nav	33.3
<i>short-term paper</i>	nav	nav	nav	nav	11.4
<i>bonds</i>	nav	nav	nav	nav	21.9
free of payment	nav	nav	nav	nav	nav
<b>NSDL</b>					
Total number of delivery instructions	124,451.0	131,319.4	192,392.8	123,465.0	175,290.0
DVP	nav	nav	nav	nav	nav
free of payment	124,451.0	131,319.4	192,392.8	123,465.0	175,295.5
debt securities	135.1	125.4	129.9	178.0	231.1
<i>short-term paper</i>	20.2	33.5	52.8	93.5	54.9
<i>bonds</i>	114.9	91.9	77.1	84.4	176.2
equity	124,315.8	131,194.0	192,262.9	123,287.1	175,063.9
other	0	0	0	0	0.5
<b>CDSL</b>					
Total number of delivery instructions	42,053.3	49,783.5	72,414.5	62,752.0	78,612.0
DVP	31,551.6	36,877.1	53,376.6	50,034.3	64,212.0
debt securities	19.6	15.9	10.2	7.8	12.0
<i>short-term paper</i>	9.8	8.0	5.1	3.9	6.0
<i>bonds</i>	9.8	8.0	5.1	3.9	6.0
equity	31,493.7	36,822.1	53,245.4	49,857.0	64,000.0
other	38.2	39.1	121.0	169.5	200.0
free of payment	10,501.8	12,906.4	19,038.0	12,717.7	14,404.0
debt securities	5.4	5.4	4.0	5.0	4.0
<i>short-term paper</i>	0.1	0.1	0.1	0.0	0.0
<i>bonds</i>	5.3	5.3	3.9	5.0	4.0
equity	10,474.9	12,871.1	18,988.0	12,650.7	14,300.0
other	21.5	29.9	46.0	62.0	100.0

**Table 26**  
**Value of delivery instructions processed**  
*(INR billions, total for the year)*

	2005	2006	2007	2008	2009
<b>RBI (SSS)</b>					
Total value of delivery instructions	nav	nav	nav	nav	252,268.1
DVP	nav	nav	nav	nav	252,268.1
debt securities	nav	nav	nav	nav	252,268.1
<i>short-term paper</i>	nav	nav	nav	nav	242,400.2
<i>bonds</i>	nav	nav	nav	nav	9,868.0
free of payment	nav	nav	nav	nav	nav
<b>NSDL</b>					
Total value of delivery instructions	24,021.6	32,109.8	55,128.3	37,756.0	68,045.9
DVP	nap	nap	nap	nap	nap
free of payment	24,021.6	32,109.8	55,128.3	37,756.0	68,045.9
debt securities	3,467.4	5,122.1	8,998.2	17,870.1	29,211.0
<i>short-term paper</i>	1,831.1	3,434.4	6,279.4	13,579.8	21,446.0
<i>bonds</i>	1,636.2	1,687.6	2,718.9	4,290.2	7,765.1
equity	20,554.2	26,987.8	46,130.0	19,885.9	38,834.7
other	0	0	0	0	0.2
<b>CDSL</b>					
Total value of delivery instructions	3,841.0	4,464.3	5,917.3	2,728.4	6,605.4
DVP	2,823.5	2,819.4	4,271.7	1,907.5	4,912.4
debt securities	1.1	7.0	0.6	1.2	4.3
<i>short-term paper</i>	0	0	0	0	0
<i>bonds</i>	1.1	7.0	0.6	1.2	4.3
equity	2,818.6	2,792.1	4,252.6	1,887.1	4,870.0
other	3.9	20.4	18.5	19.3	38.1
free of payment	1,017.5	1,644.8	1,645.6	820.8	1,693.0
debt securities	26.8	67.0	130.6	82.3	237.8
<i>short-term paper</i>	18.2	40.0	38.8	42.5	135.0
<i>bonds</i>	8.7	27.0	91.8	39.8	102.8
equity	984.8	1,564.9	1,501.1	714.9	1,431.8
other	5.8	12.9	13.8	23.6	23.4



**Table 1**  
**Basic statistical data**

	2005	2006	2007	2008	2009
Population (thousands) <sup>1</sup>	58,135	58,435	58,880	59,337	59,753
GDP (EUR billions)	1,429.5	1,485.4	1,546.2	1,567.8	1,519.7
GDP per capita (EUR)	24,589	25,419	26,260	26,422	25,433
Consumer price inflation (%) <sup>1</sup>	2.2	2.2	2.0	3.5	0.8
Exchange rate (EUR/USD):					
<i>end of year</i>	0.8477	0.7593	0.6793	0.7185	0.6942
<i>average</i>	0.8051	0.7972	0.7308	0.6835	0.7190

<sup>1</sup> Yearly average.**Table 2**  
**Settlement media used by non-banks**  
(EUR billions, end of year)

	2005	2006	2007	2008	2009
Notes and coin in circulation outside banks <sup>1</sup>	nap	nap	nap	nap	nap
Value of transferable deposits <sup>2</sup>	618.86	666.61	672.15	729.12	822.12
Narrow money supply (M1) <sup>1</sup>	nap	nap	nav	nav	nav
<i>Memo:</i>					
Transferable deposits in foreign currencies	10.621	11.697	12.261	11.358	11.234
Outstanding value on e-money storages	0.162	0.396	0.357	0.387	0.733
<i>on card-based products</i>	0.162	0.396	0.357	0.358	0.706
<i>on software- or network-based products</i>	0	0	0	0.029	0.027

<sup>1</sup> Due to banknote migration, data are available only at an aggregated euro area level (see Euro area, Table 2). <sup>2</sup> Current account deposits held at credit institutions and the Post Office. Transferable deposits held at branches of foreign banks are included.**Table 3**  
**Settlement media used by banks**

(EUR billions, average of last reserve maintenance period)

	2005	2006	2007	2008	2009
Transferable balances held at the central bank	16.59	20.37	22.06	23.91	25.84
<i>required reserves</i>	16.53	20.31	22.01	23.84	25.77
<i>free reserves</i>	0.06	0.07	0.05	0.07	0.07
Transferable balances held at other banks <sup>1</sup>	103.47	131.06	144.71	249.44	211.09
<i>Memo:</i>					
Credit extended by the central bank:					
<i>intraday</i>	8.47	8.32	12.18	11.69	15.98
<i>overnight</i> <sup>2</sup>	0.01	0.00	0.00	0.38	0.00
<i>longer refinancing operations</i> <sup>3</sup>	21.91	20.76	21.49	49.96	26.33

<sup>1</sup> End of year figures. <sup>2</sup> Marginal lending facility. <sup>3</sup> Other monetary policy operations vis-à-vis the Eurosystem.**Table 4**  
**Banknotes and coin<sup>1</sup>**<sup>1</sup> Following the introduction of the euro on 1 January 1999, these figures are provided solely at an aggregated euro area level (see Euro area, Table 4).

**Table 5**  
**Institutions offering payment services to non-banks**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>Central bank</b>					
Number of branches or offices	97	97	97	87	55
Number of accounts (thousands)	0.41	0.29	0.27	0.31	0.20
Value of accounts (EUR billions)	14.66	22.89	9.87	19.72	31.32
<i>Memo:</i>					
Number of accounts, banks	nav	nav	0.00	0.28	0.26
<b>Banks</b>					
Number of institutions <sup>1</sup>	792	807	821	798	801
Number of branches or offices	31,504	32,337	33,229	34,146	34,036
Number of accounts (thousands)	33,091	33,560	34,228	34,408	34,704
<i>of which: number of internet/PC-linked accounts</i>					
<i>(thousands)</i> <sup>2</sup>	6,421	8,291	9,852	11,086	12,582
Value of accounts (EUR billions)	604.01	643.56	661.38	709.32	789.93
<b>Credit institutions legally incorporated in the reporting country</b>					
Number of institutions	724	733	739	716	717
Number of branches or offices	31,396	32,209	33,074	33,922	33,733
Value of accounts (EUR billions)	596.75	637.91	656.34	701.84	779.91
<b>Branches of euro area-based credit institutions</b>					
Number of institutions	48	54	62	61	60
Number of branches or offices	66	75	81	82	79
Value of accounts (EUR billions)	5.83	3.92	3.46	4.80	5.25
<b>Branches of EEA-based credit institutions (outside the euro area)</b>					
Number of institutions	10	11	10	11	14
Number of branches or offices	29	40	60	129	211
Value of accounts (EUR billions)	0.48	0.74	0.88	1.29	3.82
<b>Branches of foreign banks</b>					
Number of institutions	10	9	10	10	10
Number of branches or offices	13	13	14	13	13
Value of accounts (EUR billions)	0.96	0.99	0.70	1.38	0.95
<b>Other institutions offering payment services to non-banks<sup>3</sup></b>					
Number of institutions	22	29	30	32	28
Number of branches or offices	12,994	12,979	12,985	13,031	14,167
Number of accounts (thousands)	4,585	5,332	5	5,385	5,526
Value of accounts	34.25	35.66	36.16	37.97	34.74
<b>Institutions offering payment services to non-banks (total)</b>					
Number of institutions	807	824	837	816	830
Number of branches or offices	44,592	45,413	46,311	47,177	48,258
Number of accounts held by non-banks (thousands)	37,676	38,443	39,460	39,794	40,231
<i>of which: number of internet/PC-linked accounts</i>					
<i>(thousands)</i>	6,421	8,291	9,852	11,086	12,582
Value of accounts held by non-banks	652.92	702.11	707.41	767.00	855.99
<i>Memo:</i>					
<b>Electronic money institutions<sup>4</sup></b>					
Number of institutions	nap	3.00	3.00	3.00	3.00
Outstanding value on e-money storages issued by e-money institutions (EUR billions)	nap	0.33	7.24	9.31	23.33

<sup>1</sup> Banks are included from the year in which the licence is granted. <sup>2</sup> Estimated. <sup>3</sup> Includes the Post Office and other financial institutions operating in the credit cards market. <sup>4</sup> E-money institutions started operating in 2006.

**Table 6**  
**Payment card functions and accepting devices**  
*(thousands, end of year)*

	2005	2006	2007	2008	2009
<b>Cards issued in the country</b>					
Cards with a cash function <sup>1</sup>	35,059	38,389	40,276	47,026	45,853
Cards with a debit function	30,728	32,611	33,097	37,064	35,471
Cards with a delayed debit function	nap	nap	nap	0	0
Cards with a credit function <sup>2</sup>	28,892	31,274	34,505	35,984	33,643
Cards with an e-money function <sup>1</sup>	3,275	4,461	5,805	8,208	9,190
<i>of which: cards with an e-money function which have been loaded at least once</i>	3,275	4,461	5,805	8,208	9,190
Total number of cards (irrespective of the number of functions on the card) <sup>1</sup>	63,951	68,346	70,176	83,010	78,304
<i>of which: cards with a combined debit, cash and e-money function</i>	nap	nap	nap	nap	nap
<i>Memo:</i>					
Retailer cards	nap	nap	nap	nap	nap
<b>Terminals located in the country</b>					
ATMs	40.58	43.69	48.11	54.73	54.07
<i>ATMs with a cash withdrawal function</i>	40.58	43.69	48.11	54.73	54.07
<i>ATMs with a credit transfer function</i>	30.45	31.22	35.25	45.04	43.96
POS terminals	1,045.04	1,167.79	1,219.38	1,334.49	1,269.40
<i>of which: EFTPOS terminals</i>	1,045	1,168	1,219	1,334	1,269
E-money card terminals <sup>3</sup>	249.24	251.07	291.19	304.53	nap
<i>e-money card loading/unloading terminals</i>	11.98	12.13	12.36	16.99	nap
<i>e-money card payment terminals</i>	184.37	186.28	224.28	230.28	nap

<sup>1</sup> From 2004, includes cards with an e-money function issued by the Post Office. <sup>2</sup> Includes cards with a delayed debit function.

<sup>3</sup> From 2004, includes e-money card terminals owned by the Post Office.

**Table 7**  
**Indicators of the use of payment instruments and terminals by non-banks: volume of transactions<sup>1</sup>**  
 (millions, total for the year)

	2005	2006	2007	2008	2009
<b>Transactions per type of payment instrument</b>					
Credit transfers	1,048.29	1,066.04	1,094.72	1,062.86	1,204.56
<i>paper-based</i>	790.05	784.65	783.74	743.95	794.76
<i>non-paper-based</i>	258.23	281.40	310.98	318.91	409.80
Direct debits	463.24	480.03	508.79	554.08	575.83
Card payments with cards issued in the country	1,196.35	1,236.57	1,329.26	1,395.92	1,471.46
<i>payments by cards with a debit function</i>	732.80	770.65	825.35	873.31	902.16
<i>payments by cards with a delayed debit function</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	0.00	0.00
<i>payments by cards with a credit function<sup>2</sup></i>	463.55	465.92	503.91	522.61	569.30
E-money payment transactions <sup>3</sup>	20.38	33.89	49.57	72.56	89.71
<i>by cards with an e-money function</i>	20.38	33.89	49.57	72.56	89.71
<i>through other e-money storages</i>	0	0	0	0	0
Cheques	465.58	453.75	426.38	384.93	335.20
Other payment instruments	323.22	335.70	351.54	345.87	280.68
Total number of transactions with payment instruments <sup>3</sup>	3,517.05	3,605.98	3,760.26	3,816.22	3,957.44
<i>of which: cross-border transactions sent<sup>3</sup></i>	12.41	12.48	18.23	24.12	37.17
<i>Memo:</i>					
Cross-border transactions received <sup>4</sup>	22.15	25.07	25.75	24.77	126.34
<b>Transactions per type of terminal</b>					
Transactions at terminals in the country by cards issued in the country					
Cash transactions	<i>nav</i>	<i>nav</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
<i>ATM cash withdrawals<sup>4</sup></i>	456.41	470.29	489.46	541.66	539.19
<i>ATM cash deposits</i>	<i>nav</i>	<i>nav</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
POS payment transactions <sup>5</sup>	732.80	770.65	825.35	873.30	1,444.37
E-money card loading/unloading transactions <sup>3</sup>	19.28	27.39	29.71	41.11	<i>nap</i>
E-money card payment transactions	<i>nav</i>	<i>nav</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>

<sup>1</sup> Book-entry transactions are not included. <sup>2</sup> Includes payments by cards with a delayed debit function. <sup>3</sup> From 2004, includes e-money purchase transactions with cards issued by the Post Office. <sup>4</sup> Data refer to a sample of more than 60 Italian banks, representing on average more than 80% of current account deposits, that participate in a half-yearly survey on the payment system. <sup>5</sup> Transactions with credit cards are not included.

**Table 8**  
**Indicators of the use of payment instruments and terminals: value of transactions<sup>1</sup>**  
*(EUR billions, total for the year)*

	2005	2006	2007	2008	2009
<b>Transactions per type of payment instrument</b>					
Credit transfers	5,655.42	6,153.79	7,134.02	7,438.57	7,224.18
<i>paper-based</i>	4,266.87	4,546.02	5,277.52	5,350.48	5,140.20
<i>non-paper-based</i>	1,388.55	1,607.77	1,856.50	2,088.09	2,083.98
Direct debits	289.07	298.97	332.72	345.23	353.54
Card payments with cards issued in the country	110.16	119.65	128.93	116.74	118.36
<i>payments by cards with a debit function</i>	63.54	71.32	76.57	62.54	62.65
<i>payments by cards with a delayed debit function</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
<i>payments by cards with a credit function<sup>2</sup></i>	46.61	48.34	52.36	54.20	55.71
E-money payment transactions <sup>3</sup>	1.28	2.25	3.38	4.58	5.20
<i>by cards with an e-money function</i>	1.28	2.25	3.38	4.58	5.20
<i>through other e-money storages</i>	0	0	0	0	0
Cheques	1,160.74	1,198.69	1,167.06	1,092.70	909.04
Other payment instruments	686.32	758.91	821.28	819.96	682.56
Total value of transactions with payment instruments <sup>3</sup>	7,902.99	8,532.27	9,587.38	9,817.79	9,292.88
<i>of which: cross-border transactions sent<sup>3</sup></i>	1,047.92	1,067.80	1,285.29	1,530.69	1,345.64
<i>Memo:</i>					
Cross-border transactions received <sup>4</sup>	806.07	985.12	1,234.25	1,247.74	887.79
<b>Transactions per type of terminal</b>					
Transactions at terminals in the country by cards issued in the country					
Cash transactions	79.94	83.42	91.48	99.23	<i>nap</i>
<i>ATM cash withdrawals<sup>4</sup></i>	79.07	83.33	91.08	97.91	91.87
<i>ATM cash deposits</i>	0.87	0.09	0.39	1.32	<i>nap</i>
POS payment transactions <sup>5</sup>	63.54	71.32	76.57	80.96	114.18
E-money card loading/unloading transactions <sup>3</sup>	3.48	5.26	4.60	5.75	<i>nap</i>
E-money card payment transactions	<i>nav</i>	<i>nav</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>

<sup>1</sup> Book-entry transactions are not included. <sup>2</sup> Includes payments by cards with a delayed debit function. <sup>3</sup> From 2004, includes e-money purchase transactions with cards issued by the Post Office. <sup>4</sup> Data refer to a sample of more than 60 Italian banks, representing on average more than 80% of current account deposits, that participate in a half-yearly survey on the payment system. <sup>5</sup> Transactions with credit cards are not included.

**Table 9**  
**Participation in selected interbank funds transfer systems**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>Large-value payment systems</b>					
<b>TARGET component: BI-REL, TARGET2-IT<sup>1</sup></b>					
Number of participants	762	767	783	480	479
Direct participants <sup>2</sup>	118	119	110	95	100
Banks	113	114	104	90	95
Central bank	1	1	1	1	1
Other direct participants	4	4	5	4	4
<i>General government</i>	0	0	0	0	0
<i>Postal institution</i>	1	1	1	1	1
<i>Clearing and settlement organisations</i>	2	2	3	2	2
<i>Other financial institutions</i>	1	1	1	1	1
Indirect participants	644	648	673	385	379
<b>Retail payment systems</b>					
<b>BI-COMP</b>					
Number of participants <sup>3</sup>	720	740	817	339	338
Direct participants	137	132	124	123	115
Banks	133	128	121	121	112
Central bank	1	1	1	1	1
Other direct participants	3	3	2	1	2
<i>General government</i>	1	1	0	0	0
<i>Postal institution</i>	1	1	1	1	1
<i>Other financial institutions</i>	1	1	1	0	1
Indirect participants <sup>3</sup>	583	608	693	216	223

<sup>1</sup> TARGET2 migration date: 19 May 2008. <sup>2</sup> 2003 data include direct participants not yet migrated to the new release of BI-REL; with its launch in 2004, the majority of participants opted for an indirect participation. <sup>3</sup> From 2005, data are estimated.

**Table 10**  
**Payments processed by selected interbank funds transfer systems: volume of transactions<sup>1</sup>**  
*(millions, total for the year)*

	2005	2006	2007	2008	2009
<b>Large-value payment systems</b>					
<b>TARGET component: BI-REL, TARGET2-IT<sup>2</sup></b>					
Credit transfers sent	10.38	10.95	11.50	9.50	8.66
<i>credit transfers sent within BI-REL</i>	8.41	8.87	9.35	7.26	6.19
<i>credit transfers sent to another TARGET component</i>	1.97	2.08	2.15	2.24	2.47
<i>Memo:</i>					
Credit transfers received from another TARGET component	2.22	2.37	2.62	2.45	3.43
Concentration ratio in terms of volume (%)	51.5	48.7	48.9	59.1	55.3
<b>Retail payment systems</b>					
<b>BI-COMP</b>					
Total number of transactions	1,895.43	1,946.45	1,992.05	2,024.86	2,003.85
<i>credit transfers</i>	335.11	357.98	346.29	358.96	367.97
<i>direct debits</i>	455.72	470.30	500.96	522.34	508.99
<i>card payments</i>	569.35	593.46	630.66	650.39	670.25
<i>ATM transactions</i>	154.82	158.76	172.58	189.46	184.42
<i>e-money transactions</i>	0.10	0.10	0.12	0.13	0.15
<i>cheques</i>	374.33	360.66	337.48	299.75	268.54
<i>other payment instruments<sup>3</sup></i>	6.00	5.19	3.97	3.83	3.55
Concentration ratio in terms of volume (%)	44.1	44.3	46.0	54.3	52.0

<sup>1</sup> The table contains both customer and interbank transactions. <sup>2</sup> TARGET2 migration date: 19 May 2008. <sup>3</sup> Payments between the banking system and the State Treasury, the Bank of Italy or the Post Office, and bills of exchange, interest and dividends paid on private securities deposited at Monte Titoli.

**Table 11**  
**Payments processed by selected interbank funds transfer systems: value of transactions<sup>1</sup>**  
*(EUR billions, total for the year)*

	2005	2006	2007	2008	2009
<b>Large-value payment systems</b>					
<b>TARGET component: BI-REL, TARGET2-IT<sup>2</sup></b>					
Credit transfers sent	32,881.0	37,763.1	42,117.2	41,126.6	32,241.3
<i>credit transfers sent within BI-REL</i>	22,460.6	25,628.0	27,484.2	27,139.6	20,416.9
<i>credit transfers sent to another TARGET component</i>	10,420.4	12,135.1	14,632.9	13,986.9	11,824.4
<i>Memo:</i>					
Credit transfers received from another TARGET component	10,421.7	12,145.6	14,639.9	14,000.0	11,842.8
Concentration ratio in terms of value (%)	48.1	45.3	50.7	52.8	57.7
<b>Retail payment systems</b>					
<b>BI-COMP</b>					
Total value of transactions	3,178.7	3,386.2	3,375.1	3,448.0	3,094.1
<i>credit transfers</i>	1,440.0	1,583.0	1,533.9	1,610.3	1,469.7
<i>direct debits</i>	639.6	686.6	747.2	781.8	685.8
<i>card payments</i>	39.7	42.0	44.5	45.7	46.5
<i>ATM transactions</i>	22.6	23.4	25.5	28.2	27.7
<i>e-money transactions</i>	0.0	0.0	0.0	0.0	0.0
<i>cheques</i>	944.6	960.2	930.9	863.3	752.6
<i>other payment instruments<sup>2</sup></i>	92.2	91.1	93.1	118.7	111.9
Concentration ratio in terms of value (%)	38.7	38.6	43.9	50.4	52.0

<sup>1</sup> The table contains both customer and interbank transactions. <sup>2</sup> TARGET2 migration date: 19 May 2008. <sup>3</sup> Payments between the banking system and the State Treasury, the Bank of Italy or the Post Office, and bills of exchange, interest and dividends paid on private securities deposited at Monte Titoli.



**Table 12**  
**Participation in SWIFT by domestic institutions**  
*(end of year)*

	2005	2006	2007	2008	2009
Members	123	122	118	112	113
<i>of which: live</i>	122	122	118	112	113
Sub-members	97	100	104	101	100
<i>of which: live</i>	95	97	103	100	98
Participants	44	45	61	75	78
<i>of which: live</i>	42	40	44	57	60
Total users	264	267	283	288	291
<i>of which: live</i>	259	259	265	269	271
<i>Memo:</i>					
Total SWIFT users	7,888	8,105	8,332	8,830	9,281
<i>members</i>	2,231	2,288	2,276	2,276	2,356
<i>sub-members</i>	3,077	3,120	3,212	3,305	3,306
<i>participants</i>	2,580	2,697	2,844	3,249	3,619

Source: SWIFT.

**Table 13**  
**SWIFT message flows to/from domestic users**  
*(thousands, total for the year)*

	2005	2006	2007	2008	2009
Total messages sent	103,363	110,073	120,906	113,133	95,433
<i>of which:</i>					
<i>category I</i>	26,022	27,467	29,773	27,140	17,303
<i>category II</i>	9,924	10,484	10,801	7,908	5,719
Total messages received	98,010	102,973	113,093	108,633	91,074
<i>of which:</i>					
<i>category I</i>	27,908	29,277	31,666	30,062	18,719
<i>category II</i>	8,148	8,383	8,564	7,359	4,698
Domestic traffic	37,697	23,318	34,700	25,141	12,424
<i>Memo:</i>					
Global SWIFT traffic	2,518,285	2,864,537	3,501,163	3,854,576	3,760,314

Source: SWIFT.

**Table 14**  
**Number of participants in exchanges and trading systems**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>Borsa Italiana</b>					
Total number of participants	123	nav	nav	nav	nav
<i>banks</i>	65	nav	nav	nav	nav
<i>other</i>	58	nav	nav	nav	nav
Number of domestic participants	84	nav	nav	nav	nav
<i>banks</i>	48	nav	nav	nav	nav
<i>other</i>	36	nav	nav	nav	nav
Number of foreign participants	39	nav	nav	nav	nav
<i>banks</i>	17	nav	nav	nav	nav
<i>other</i>	22	nav	nav	nav	nav
<b>MTS</b>					
Total number of participants	115	105	100	90	93
<i>central bank</i>	nav	1	1	1	1
<i>banks</i>	98	86	86	72	66
<i>other</i>	nav	18	13	15	26
Number of domestic participants	77	71	64	57	59
<i>central bank</i>	nav	1	1	1	1
<i>banks</i>	nav	63	57	49	49
<i>other</i>	nav	7	6	6	9
Number of foreign participants	38	34	36	33	34
<i>banks</i>	nav	23	29	23	17
<i>other</i>	nav	11	7	9	17
<b>PCT</b>					
Total number of participants	nav	128	115	79	113
<i>central bank</i>	nav	1	1	2	2
<i>banks</i>	nav	102	93	56	74
<i>other</i>	nav	25	21	19	37
Number of domestic participants	nav	83	70	55	67
<i>central bank</i>	nav	1	1	1	1
<i>banks</i>	nav	68	58	42	50
<i>other</i>	nav	14	11	11	16
Number of foreign participants	nav	45	45	24	46
<i>banks</i>	nav	34	35	14	24
<i>other</i>	nav	11	10	8	21

**Table 15****Number of listed securities***(end of year)*

	2005	2006	2007	2008	2009
<b>Borsa Italiana</b>					
Total number of listed securities	4,889	nav	nav	nav	nav
debt securities	479	nav	nav	nav	nav
<i>short-term paper</i>	92	nav	nav	nav	nav
<i>bonds</i>	387	nav	nav	nav	nav
equity	320	nav	nav	nav	nav
other	4,090	nav	nav	nav	nav
<b>MTS</b>					
Total number of listed securities	106	87	88	90	105
debt securities	106	87	88	90	105
<i>short-term paper</i>	nav	nav	nav	nav	nav
<i>bonds</i>	nav	nav	nav	nav	nav
<b>PCT</b>					
Total number of listed securities	nav	87	386	506	544
debt securities	nav	87	386	506	544
<i>short-term paper</i>	nav	nav	nav	nav	nav
<i>bonds</i>	nav	nav	nav	nav	nav

**Table 16****Market capitalisation of listed companies**

Details are not available.

**Table 17****Number of executed trades***(thousands, total for the year)*

	2005	2006	2007	2008	2009
<b>Borsa Italiana</b>					
Total number of executed securities trades	55,830	nav	nav	nav	nav
debt securities	2,780	nav	nav	nav	nav
<i>short-term paper</i>	nav	nav	nav	nav	nav
<i>bonds</i>	nav	nav	nav	nav	nav
equity	47,230	nav	nav	nav	nav
other	5,820	nav	nav	nav	nav
Total number of executed derivatives trades	nav	nav	nav	nav	nav
<b>MTS</b>					
Total number of executed securities trades	nav	307	337	175	133
debt securities	nav	307	337	175	133
<i>short-term paper</i>	nav	nav	nav	nav	nav
<i>bonds</i>	nav	nav	nav	nav	nav
Total number of executed derivatives trades	nav	nav	nav	nav	nav
<b>PCT</b>					
Total number of executed securities trades	nav	475	653	621	544
debt securities	nav	475	653	621	544
<i>short-term paper</i>	nav	nav	nav	nav	nav
<i>bonds</i>	nav	nav	nav	nav	nav
Total number of executed derivatives trades	nav	nav	nav	nav	nav

**Table 18****Value of executed trades***(EUR billions, total for the year)*

	2005	2006	2007	2008	2009
<b>Borsa Italiana</b>					
Total value of executed securities trades	1,139.64	nav	nav	nav	nav
debt securities	124.42	nav	nav	nav	nav
<i>short-term paper</i>	nav	nav	nav	nav	nav
<i>bonds</i>	nav	nav	nav	nav	nav
equity	954.80	nav	nav	nav	nav
other	60.42	nav	nav	nav	nav
Total value of executed derivatives trades	nav	nav	nav	nav	nav
<b>MTS</b>					
Total value of executed securities trades	nav	1,635.8	1,664.9	873.4	728.65
debt securities	nav	1,635.8	1,664.9	873.4	728.65
<i>short-term paper</i>	nav	nav	nav	nav	nav
<i>bonds</i>	nav	nav	nav	nav	nav
Total value of executed derivatives trades	nav	nav	nav	nav	nav
<b>PCT</b>					
Total value of executed securities trades	nav	14,021.4	17,722.3	17,205.7	17,184.35
debt securities	nav	14,021.4	17,722.3	17,205.7	17,184.35
<i>short-term paper</i>	nav	nav	nav	nav	nav
<i>bonds</i>	nav	nav	nav	nav	nav
Total value of executed derivatives trades	nav	nav	nav	nav	nav

**Table 19****Number of clearing members***(end of year)*

	2005	2006	2007	2008	2009
<b>CCG<sup>1</sup></b>					
Total number of clearing members	76	78	74	75	70
<i>central counterparties (CCPs)</i>	1	1	1	1	1
<i>banks</i>	54	53	50	51	48
<i>other</i>	21	24	23	23	21
Number of domestic clearing members	66	66	61	61	56
<i>banks</i>	49	48	44	46	43
<i>other</i>	17	18	17	15	13
Number of foreign clearing members	10	12	13	14	14
<i>central counterparties (CCPs)</i>	1	1	1	1	1
<i>banks</i>	5	6	6	5	5
<i>other</i>	4	5	6	8	8
<b>LCH.Clearnet SA</b>					
Total number of clearing members <sup>2</sup>	nav	nav	nav	nav	nav

<sup>1</sup> Direct clearing members. <sup>2</sup> See France, Table 19.

**Table 20**  
**Number of contracts and transactions cleared**  
*(thousands, total for the year)*

	2005	2006	2007	2008	2009
<b>CCG</b>					
Total number of contracts and transactions cleared	155,151.3	188,425.5	222,053.0	213,518.0	218,904.6
Number of securities transactions cleared	103,390.3	125,212.9	147,799.0	141,653.0	133,143.0
debt securities	433.2	714.7	717.0	513.0	603.0
<i>bonds</i>	433.2	714.7	717.0	513.0	603.0
equity	102,342.1	123,820.6	146,524.0	140,925.0	132,192.0
other	615.0	677.7	558.0	215.0	348.0
<i>of which: number of repurchase transactions cleared</i>					
<i>debt securities</i>	115.50	297.20	311.00	296.00	382.00
<i>bonds</i>	115.50	297.20	311.00	296.00	382.00
Number of exchange-traded derivatives contracts cleared					
<i>financial futures</i>	51,761.0	63,212.5	74,254.0	71,865.0	85,761.6
<i>financial options</i>	21,666.0	25,459.2	26,203.0	24,489.0	35,747.2
<i>other financial derivatives</i>	30,095.0	37,753.3	48,051.0	47,375.0	50,009.1
<i>other financial derivatives</i>	nap	nap	nap	1.0	5.0
Number of OTC derivatives contracts cleared	nap	nap	nap	nap	nap
<b>LCH.Clearnet SA</b>					
Total number of contracts and transactions cleared	nav	836.00	1,109.00	907.00	897.00
Number of securities transactions cleared	nav	836.00	1,109.00	907.00	897.00
debt securities	nav	836.00	1,109.00	907.00	897.00
<i>short-term paper</i>	nav	nav	nav	98.74	100.00
<i>bonds</i>	nav	nav	nav	808.75	798.00
<i>of which: number of repurchase transactions cleared</i>					
<i>debt securities</i>	nav	492.00	643.00	654.00	699.00
<i>short-term paper</i>	nav	nav	nav	45.30	58.00
<i>bonds</i>	nav	nav	nav	608.85	642.00
Number of exchange-traded derivatives contracts cleared	nav	nap	nap	nap	nap
Number of OTC derivatives contracts cleared	nav	nap	nap	nap	nap

**Table 21**  
**Value of contracts and transactions cleared**  
*(EUR billions, total for the year)*

	2005	2006	2007	2008	2009
<b>CCG</b>					
Total value of contracts and transactions cleared	nav	13,175.38	13,151.2	11,286.7	15,982.0
Value of securities transactions cleared	nav	11,438.82	10,924.2	9,663.6	14,943.8
debt securities	nav	9,005.48	7,715.5	7,510.6	13,492.3
<i>short-term paper</i>	nav	nav	nav	nav	nav
<i>bonds</i>	nav	949.65	1,104.9	494.8	382.4
equity	nav	2,431.38	3,207.0	2,152.8	1,451.0
other	nav	1.95	1.6	0.2	0.4
<i>of which: value of repurchase transactions cleared</i>	nav	8,055.8	6,610.6	7,015.8	13,110.0
<i>debt securities</i>	nav	8,055.8	6,610.6	7,015.8	13,110.0
<i>bonds</i>	nav	8,055.8	6,610.6	7,015.8	13,110.0
Value of exchange-traded derivatives contracts cleared	nav	1,736.56	2,227.0	1,623.1	1,038.2
<i>financial futures</i>	nav	1,726.74	2,212.2	1,604.1	1,020.2
<i>financial options</i>	nav	9.82	14.8	18.8	16.0
<i>other financial derivatives</i>	nap	nap	nap	0.3	2.1
Value of OTC derivatives contracts cleared	nap	nap	nap	nap	nap
<b>LCH.Clearnet SA</b>					
Total value of contracts and transactions cleared	nav	15,885.69	19,184.0	19,022.4	22,509.0
Value of securities transactions cleared	nav	15,885.69	19,184.0	19,022.4	22,509.0
debt securities	nav	15,885.69	19,184.0	19,022.4	22,509.0
<i>short-term paper</i>	nav	nav	nav	665.3	1,751.2
<i>bonds</i>	nav	nav	nav	18,357.1	20,757.86
<i>of which: value of repurchase transactions cleared</i>	nav	13,951.1	16,828.2	17,674.0	21,301.8
<i>debt securities</i>	nav	13,951.1	16,828.2	17,674.0	21,301.8
<i>short-term paper</i>	nav	nav	nav	429.9	1,490.5
<i>bonds</i>	nav	nav	nav	17,244.1	19,811.3
Value of exchange-traded derivatives contracts cleared	nav	nap	nap	nap	nap
Value of OTC derivatives contracts cleared	nav	nap	nap	nap	nap

**Table 22**  
**Number of direct participants in CSDs**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>Monte Titoli</b>					
Total number of participants	361	349	356	325	299
<i>central bank</i>	1	1	1	1	1
<i>central counterparties (CCPs)</i>	2	2	2	4	4
<i>central securities depositories</i>	10	10	10	10	9
<i>banks</i>	215	206	206	187	168
<i>other</i>	133	130	137	123	117
Number of domestic participants	346	334	341	308	283
<i>central bank</i>	1	1	1	1	1
<i>central counterparties (CCPs)</i>	1	1	1	1	1
<i>banks</i>	211	202	202	183	164
<i>other</i>	133	130	137	123	117
Number of foreign participants	15	15	15	17	16
<i>central bank</i>	0	0	0	0	0
<i>central counterparties (CCPs)</i>	1	1	1	3	3
<i>central securities depositories</i>	10	10	10	10	9
<i>banks</i>	4	4	4	4	4
<i>other</i>	0	0	0	0	0

**Table 23**  
**Number of securities held on accounts at CSDs**  
*(thousands, end of year)*

	2005	2006	2007	2008	2009
<b>Monte Titoli</b>					
Total number of securities held	41.89	44.42	45.70	45.40	43.00
debt securities	34	35	38.00	38.40	37.20
<i>short-term paper</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>bonds</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
equity	2	3	1.00	1.30	1.10
other	6	7	6.00	5.70	4.70

**Table 24**  
**Value of securities held on accounts at CSDs**  
*(EUR billions, end of year)*

	2005	2006	2007	2008	2009
<b>Monte Titoli<sup>1</sup></b>					
Total value of securities held	2,468.52	2,694.51	2,772.10	2,732.49	2,824.79
debt securities	1,675.27	1,767.43	1,876.70	2,019.77	2,312.76
<i>short-term paper</i>	105.50	109.50	113.30	128.64	156.32
<i>bonds</i>	1,569.77	1,657.93	1,763.40	1,891.13	2,156.44
equity	724.03	865.21	816.80	647.42	485.73
other	69.22	61.87	78.60	65.30	26.30

<sup>1</sup> Market value.



**Table 25**  
**Number of delivery instructions processed**  
*(thousands, total for the year)*

	2005	2006	2007	2008	2009
<b>Monte Titoli<sup>1</sup></b>					
Total number of delivery instructions	26,467	28,619	30,337	26,033	28,588
DVP	24,522	26,466	27,680	23,194	26,238
debt securities	6,523	6,734	7,020	8,374	9,355
<i>short-term paper</i>	576	773	987	1,014	530
<i>bonds</i>	5,947	5,961	6,033	7,360	8,825
equity	12,107	13,443	14,522	10,821	12,582
other	5,892	6,289	6,138	3,999	4,301
free of payment	1,945	2,153	2,657	2,839	2,350
debt securities	828	904	957	1,038	892
<i>short-term paper</i>	63	83	107	52	50
<i>bonds</i>	765	821	850	986	842
equity	1,013	1,192	1,660	1,748	1,403
other	104	57	40	53	55

<sup>1</sup> Includes transactions processed by the SSSs (delivery instructions). Excludes multilateral net balances from the SSS.

**Table 26**  
**Value of delivery instructions processed**  
*(EUR billions, total for the year)*

	2005	2006	2007	2008	2009
<b>Monte Titoli<sup>1</sup></b>					
Total value of delivery instructions	68,130.5	65,548.7	69,423.0	67,195.4	72,031.9
DVP	54,741.1	50,113.4	50,705.2	45,922.9	48,096.9
debt securities	49,913.0	47,226.3	47,225.8	43,337.8	46,350.8
<i>short-term paper</i>	3,972.4	3,975.5	3,735.8	2,504.6	5,644.7
<i>bonds</i>	45,940.6	43,250.8	43,490.0	40,833.3	40,706.2
equity	4,770.1	2,808.8	3,382.4	2,557.5	1,726.7
other	57.9	78.3	97.0	27.5	19.4
free of payment	13,389.4	15,435.3	18,717.9	21,272.6	23,935.0
debt securities	12,345.3	13,518.4	15,943.8	19,134.7	22,937.2
<i>short-term paper</i>	1,027.5	1,169.1	1,107.4	970.6	1,996.2
<i>bonds</i>	11,317.8	12,349.3	14,836.4	18,164.1	20,941.0
equity	1,042.8	1,877.2	2,745.0	2,097.6	945.1
other	1.3	39.6	29.1	40.3	52.7

<sup>1</sup> Includes transactions processed by the SSSs (delivery instructions). Excludes multilateral net balances from the SSS.



**Table 1**  
**Basic statistical data**

	2005	2006	2007	2008	2009
Population (thousands) <sup>1</sup>	127,768	127,770	127,771	127,692	127,510
GDP (JPY billions)	501,735	507,365	515,520	504,378	470,937
GDP per capita (JPY thousands)	3,926.9	3,970.9	4,034.7	3,950.0	3,693.3
Consumer price inflation (%)	-0.3	0.2	0.1	1.4	-1.4
Exchange rate (JPY/USD):					
<i>end of year</i>	117.74	119.16	112.04	90.64	92.43
<i>average</i>	110.18	116.31	117.77	103.44	93.54

<sup>1</sup> As of 1 October.

Sources: Bank of Japan; Ministry of Internal Affairs and Communications.

**Table 2**  
**Settlement media used by non-banks**  
(JPY billions, end of year)

	2005	2006	2007	2008	2009
Notes and coin in circulation outside banks <sup>1</sup>	74,807	76,137	77,376	76,587	76,728
Value of transferable deposits <sup>2</sup>	420,336	419,147	421,308	417,334	422,131
Narrow money supply (M1)	495,143	495,284	498,684	493,923	498,861
<i>Memo:</i>					
Transferable deposits in foreign currencies <sup>3</sup>	2,593	2,232	2,550	3,630	4,388
Outstanding value on e-money storages	nav	nav	70	86	104
<i>on card-based products</i>	nav	nav	70	86	104
<i>on software- or network-based products</i>	nav	nav	nav	nav	nav

<sup>1</sup> Notes and coin held by private corporations, individuals and local governments ("non-banks"). Includes commemorative coins.

<sup>2</sup> Demand deposits held at all deposit-taking institutions. <sup>3</sup> Demand deposits held at domestically licensed banks, branches of foreign banks and shinkin banks.

Source: Bank of Japan.

**Table 3****Settlement media used by banks**

(JPY billions, end of year except as noted)

	2005	2006	2007	2008	2009
Transferable balances held at the central bank <sup>1</sup>	25,093	5,134	7,477	10,093	14,288
<i>required reserves</i>	4,661	4,704	7,079	7,121	7,260
<i>free reserves</i>	20,431	430	398	2,972	7,028
Transferable balances held at other banks <sup>2</sup>	10,574	6,140	6,047	9,148	7,705
<i>Memo:</i>					
Credit extended by the central bank:					
<i>intraday</i> <sup>3</sup>	18,227	19,475	22,155	22,092	30,994
<i>overnight</i> <sup>4</sup>	0	0	21	256	5
<i>longer-term refinancing operations</i> <sup>5</sup>	55,514	38,243	42,108	48,451	52,850

<sup>1</sup> Balances held by deposit-taking institutions subject to the reserve requirement system; average for the December reserve maintenance period. <sup>2</sup> Aggregate of balances held at domestically licensed banks and shinkin banks; as of end-September.

<sup>3</sup> Yearly average; estimated. <sup>4</sup> Aggregate of loans based on Article 33 of the Bank of Japan Law. <sup>5</sup> Credit provided through money market operations.

Source: Bank of Japan.

**Table 4****Banknotes and coin<sup>1</sup>**

(JPY billions, end of year)

	2005	2006	2007	2008	2009
Total banknotes and coin issued	83,772.8	84,365.2	85,855.1	86,068.7	85,510.6
Total banknotes issued <sup>2</sup>	79,270.5	79,836.7	81,277.7	81,478.3	80,954.3
<i>of which:</i>					
<i>JPY 10,000</i>	72,061.1	72,790.0	74,048.8	74,264.6	73,815.2
<i>JPY 5,000</i>	2,815.3	2,775.0	2,892.4	2,931.0	2,904.5
<i>JPY 2,000</i>	507.2	330.5	311.1	264.4	234.0
<i>JPY 1,000</i>	3,723.5	3,779.3	3,865.1	3,859.5	3,843.2
Total coin issued <sup>3</sup>	4,502.2	4,528.5	4,577.3	4,590.3	4,556.4
<i>of which:</i>					
<i>JPY 500</i>	1,856.4	1,887.9	1,942.8	1,971.9	1,975.1
<i>JPY 100</i>	1,043.9	1,051.8	1,057.5	1,058.4	1,041.2
<i>JPY 50</i>	227.0	225.8	226.1	224.1	219.6
<i>JPY 10</i>	207.8	207.5	206.8	204.8	201.5
<i>JPY 5</i>	61.1	60.5	60.0	59.1	57.9
<i>JPY 1</i>	40.8	40.8	40.7	40.5	40.0
Banknotes and coin held by banks	8,965.5	8,228.4	8,479.3	9,481.4	8,782.9
Banknotes and coin in circulation outside banks	74,807.3	76,136.8	77,375.8	76,587.3	76,727.7

<sup>1</sup> Includes commemorative coins. <sup>2</sup> Includes some types of banknotes which are no longer printed but are still in circulation.

<sup>3</sup> Includes some types of coins which are no longer minted but are still in circulation.

Source: Bank of Japan.

**Table 5**  
**Institutions offering payment services to non-banks**

(end-March of the following year except as noted)

	2005	2006	2007	2008	2009
<b>Central bank</b>					
Number of branches or offices	33	33	33	33	33
Number of accounts	nav	nav	nav	nav	nav
Value of accounts	nav	nav	nav	nav	nav
<i>Memo:</i>					
Number of accounts, all (thousands)	0.586	0.579	0.573	0.567	0.556
Value of accounts, all (JPY billions) <sup>1</sup>	30,439.6	8,551.7	7,922.2	13,393.6	15,128.7
<b>Banks</b>					
Number of institutions	1,771	1,697	1,655	1,586	1,542
Number of branches or offices	33,379	32,249	55,714	55,308	55,034
Number of accounts (thousands)	411,602.7	409,558.3	408,313.9	405,351.5	403,623.6
<i>of which: number of internet/PC-linked accounts (thousands)<sup>2</sup></i>	20,811.9	24,812.1	36,304.1	39,225.8	46,999.2
Value of accounts (JPY billions) <sup>1</sup>	318,010.0	316,100.1	377,451.3	378,088.5	380,705.0
<b>Domestically licensed banks<sup>3</sup></b>					
Number of institutions	143	143	147	147	145
Number of branches or offices	12,071	11,990	36,068	36,070	36,117
Value of accounts (JPY billions) <sup>1</sup>	279,164.2	276,328.7	339,376.5	339,556.5	341,538.7
<b>Cooperative and rural banks<sup>4</sup></b>					
Number of institutions	1,559	1,489	1,444	1,377	1,338
Number of branches or offices	21,202	20,155	19,561	19,152	18,834
Value of accounts (JPY billions) <sup>1,5</sup>	36,610.7	37,496.8	37,534.4	38,017.3	38,591.4
<b>Branches of foreign banks</b>					
Number of institutions	69	65	64	62	59
Number of branches or offices	106	104	85	86	83
Value of accounts (JPY billions) <sup>1</sup>	2,235.1	2,274.6	540.4	514.7	574.9
<b>Other institutions offering payment services to non-banks: Japan Post Bank<sup>6</sup></b>					
Number of institutions	1	1	nap	nap	nap
Number of branches or offices	24,127	24,079	nap	nap	nap
Number of accounts (thousands) <sup>7</sup>	117,336.0	115,707.0	nap	nap	nap
Value of accounts (JPY billions) <sup>7</sup>	62,162.7	62,247.2	nap	nap	nap
<b>Institutions offering payment services to non-banks (total)<sup>8</sup></b>					
Number of institutions	1,773	1,699	1,656	1,587	1,543
Number of branches or offices	57,539	56,361	55,747	55,341	55,067
Number of accounts held by non-banks (thousands)	528,938.7	525,265.3	408,313.9	405,351.5	403,623.6
<i>of which: number of internet/PC-linked accounts (thousands)<sup>2</sup></i>	20,811.9	24,812.1	36,304.1	39,225.8	46,999.2
Value of accounts held by non-banks (JPY billions)	380,172.7	378,347.3	377,451.3	378,088.5	380,705.0
For the footnotes, see the end of the table.					

**Table 5 (cont)**

	2005	2006	2007	2008	2009
<i>Memo:</i>					
<b>Electronic money institutions</b>					
Number of institutions	nav	nav	nav	nav	nav
Outstanding value on e-money storages issued by e-money institutions	nav	nav	nav	nav	nav
<sup>1</sup> Average for March of the following year. <sup>2</sup> Based on a survey conducted by the Centre for Financial Industry Information Systems; the number of accounts used only for mobile banking is excluded. <sup>3</sup> Includes city banks, regional banks, regional banks II, trust banks and long-term credit banks. <sup>4</sup> Includes shinkin banks, Shinkin Central Bank, Norinchukin Bank, Shoko Chukin Bank, Shinkumi Federation Bank, National Federation of Labour Credit Associations, credit cooperatives, labour credit associations, agricultural cooperatives and fishery cooperatives. <sup>5</sup> Figures for shinkin banks only. <sup>6</sup> The Japan Post Bank changed over from a public entity to a private bank in October 2007. <sup>7</sup> Covers all transferable deposit accounts held at Japan Post Bank, regardless of whether they are held by banks or non-banks. <sup>8</sup> Sum of available data.					
Sources: Bank of Japan; Japan Post Bank; Centre for Financial Industry Information Systems; Japanese Bankers Association.					

**Table 6****Payment card functions and accepting devices***(end-March of the following year except as noted)*

	2005	2006	2007	2008	2009
<b>Cards issued in the country (millions)</b>					
Cards with a cash function <sup>1</sup>	449.81	456.13	463.84	472.82	346.40
Cards with a debit function <sup>2</sup>	394.00	407.00	421.00	409.00	412.00
Cards with a credit function	289.05	292.66	308.59	317.83	nav
Cards with an e-money function <sup>3</sup>	nav	nav	80.61	105.03	129.89
Total number of cards (irrespective of the number of functions on the card) <sup>4</sup>	1,132.86	1,155.79	1,274.04	1,304.68	nav
<i>of which: cards with a combined debit, cash and e-money function</i>	nav	nav	nav	nav	nav
<i>Memo:</i>					
Retailer cards	nav	nav	nav	nav	nav
<b>Terminals located in the country (thousands)</b>					
ATMs	136.28	138.26	138.36	139.19	138.59
ATMs with a cash withdrawal function	136.28	138.26	138.36	139.19	138.59
ATMs with a credit transfer function	nav	nav	nav	nav	nav
POS terminals <sup>5</sup>	1,375.32	1,549.90	1,682.63	1,706.08	1,723.35
<i>of which: EFTPOS terminals</i>	nav	nav	nav	nav	nav
E-money card terminals <sup>3</sup>	nav	nav	358	480	665
e-money card loading/unloading terminals	nav	nav	nav	nav	nav
e-money card payment terminals	nav	nav	358.00	479.80	664.70

<sup>1</sup> The data collection methodology has been changed from 2009. In reality, the number of cards with a cash function is still larger than that of debit function. <sup>2</sup> As of end-September. <sup>3</sup> Based on the survey by the Bank of Japan. <sup>4</sup> Cards with multiple functions are counted multiple times. <sup>5</sup> Terminals with debit and credit functions are counted twice; as of September/January of the following year.

Sources: Centre for Financial Industry Information Systems; Japan Electronic Promotion Association; Japan Consumer Credit Industry Association; Bank of Japan; Japanese Bankers Association.

**Table 7**  
**Indicators of the use of payment instruments and terminals by non-banks: volume of transactions**  
*(millions, total for the year except as noted)*

	2005	2006	2007	2008	2009
<b>Transactions per type of payment instrument</b>					
Credit transfers <sup>1,2</sup>	1,354.15	1,361.64	1,398.04	1,401.76	1,414.50
<i>paper-based</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>non-paper-based</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Direct debits	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Card payments with cards issued in the country	2,803.81	4,558.51	5,020.80	5,220.41	<i>nav</i>
<i>payments by cards with a debit function</i> <sup>3</sup>	11.76	10.92	11.52	12.44	13.16
<i>payments by cards with a delayed debit function</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>payments by cards with a credit function</i> <sup>4</sup>	2,792.05	4,547.58	5,009.28	5,207.97	<i>nav</i>
E-money payment transactions <sup>5</sup>	<i>nav</i>	<i>nav</i>	809.64	1,116.11	1,509.63
<i>by cards with an e-money function</i>	<i>nav</i>	<i>nav</i>	809.6	1,116.1	1,509.63
w+A1	146.47	134.24	123.57	112.00	96.21
Other payment instruments	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Total number of transactions with payment instruments <sup>7</sup>					
of which: <i>cross-border transactions sent</i>	4,304.42	6,054.38	7,352.05	7,850.29	<i>nav</i>
	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>Memo:</i>					
Cross-border transactions received	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<b>Transactions per type of terminal</b>					
Total transactions at terminals in the country					
Cash transactions <sup>1,7,8</sup>	429.76	422.53	420.25	321.38	313.10
<i>ATM cash withdrawals</i>	429.76	422.53	420.25	321.38	313.10
<i>ATM cash deposits</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
POS payment transactions	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
E-money card loading/unloading transactions	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
E-money card payment transactions <sup>5</sup>	<i>nav</i>	<i>nav</i>	809.6	1,116.1	1,509.6

<sup>1</sup> Figures for the year ending March of the following year. <sup>2</sup> Includes transactions handled by the Zengin System and other retail payment networks; excludes credit transfers through on-us accounts. <sup>3</sup> The majority of debit card payments are by "cash cards with debit function". <sup>4</sup> Estimate by the Bank of Japan based on a survey by the Japan Consumer Credit Industry Association. <sup>5</sup> Based on the survey by the Bank of Japan. Figures for the year ending March of the following year. <sup>6</sup> Total number of transactions handled by all bill and cheque clearing systems in Japan. <sup>7</sup> Sum of available data. <sup>8</sup> Excludes cash withdrawals from "own ATMs" of financial institutions. The data collection methodology has been changed from 2008.

Sources: Japanese Bankers Association; Japan Electronic Promotion Association; Japan Consumer Credit Industry Association.

**Table 8**  
**Indicators of the use of payment instruments and terminals by non-banks: value of transactions**  
*(JPY trillions, total for the year except as noted)*

	2005	2006	2007	2008	2009
<b>Transactions per type of payment instrument</b>					
Credit transfers <sup>1,2</sup>	2,426.90	2,535.76	2,707.45	2,676.00	2,433.90
<i>paper-based</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>non-paper-based</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Direct debits	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Card payments with cards issued in the country	32.97	35.55	39.55	43.21	<i>nav</i>
<i>payments by cards with a debit function</i> <sup>3</sup>	<i>0.80</i>	<i>0.79</i>	<i>0.77</i>	<i>0.77</i>	<i>0.74</i>
<i>payments by cards with a delayed debit function</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>payments by cards with a credit function</i>	<i>32.17</i>	<i>34.77</i>	<i>38.78</i>	<i>42.43</i>	<i>nav</i>
E-money payment transactions <sup>4</sup>	<i>nav</i>	<i>nav</i>	0.56	0.82	1.25
<i>by cards with an e-money function</i>	<i>nav</i>	<i>nav</i>	0.56	0.82	1.25
Cheques <sup>5</sup>	529.12	477.93	463.26	432.97	373.53
Other payment instruments	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Total value of transactions with payment instruments <sup>6</sup>	2,988.99	3,049.25	3,210.83	3,153.00	<i>nav</i>
<i>of which: cross-border transactions sent</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>Memo:</i>					
Cross-border transactions received	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<b>Transactions per type of terminal</b>					
Total transactions at terminals in the country					
Cash transactions <sup>1, 6, 7</sup>	24.03	22.40	21.37	15.96	14.82
<i>ATM cash withdrawals</i>	<i>24.03</i>	<i>22.40</i>	<i>21.37</i>	<i>15.96</i>	<i>14.82</i>
<i>ATM cash deposits</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
POS payment transactions	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
E-money card loading/unloading transactions	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
E-money card payment transactions <sup>4</sup>	<i>nav</i>	<i>nav</i>	0.56	0.82	1.25

<sup>1</sup> Figures for the year ending March of the following year. <sup>2</sup> Includes transactions handled by the Zengin System and other retail payment networks; excludes credit transfers through on-us accounts. <sup>3</sup> The majority of debit card payments are by "cash cards with debit function". <sup>4</sup> Based on the survey by the Bank of Japan. Figures for the year ending March of the following year. <sup>5</sup> Total value of transactions handled by all bill and cheque clearing systems in Japan. <sup>6</sup> Sum of available data. <sup>7</sup> Excludes cash withdrawals from "own ATMs" of financial institutions other than Japan Post Bank.

Sources: Japanese Bankers Association; Japan Electronic Promotion Association; Japan Consumer Credit Industry Association.



**Table 9**  
**Participation in selected interbank funds transfer systems**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>Large-value payment systems</b>					
<b>BOJ-NET Funds Transfer System</b>					
Number of participants	594	584	577	568	560
Direct participants	594	584	577	568	560
Banks	500	490	484	477	472
Central bank	0	0	0	0	0
Other direct participants	94	94	93	91	88
<i>General government</i>	0	0	0	0	0
<i>Postal institution</i>	1	1	0	0	0
<i>Clearing and settlement organisations</i>	41	41	41	40	40
<i>Other financial institutions</i>	51	51	51	50	47
<i>Other</i>	1	1	1	1	1
Indirect participants	0	0	0	0	0
<b>Foreign Exchange Yen Clearing System</b>					
Number of participants	225	219	217	215	212
Direct participants	32	29	29	27	27
Banks	31	28	28	26	26
Central bank	0	0	0	0	0
Other direct participants	1	1	1	1	1
<i>Clearing and settlement organisations</i>	1	1	1	1	1
Indirect participants	193	190	188	188	185
<b>Retail payment systems</b>					
<b>Zengin System</b>					
Number of participants	1,579	1,533	1,491	1,428	1,396
Direct participants	146	145	146	145	144
Banks	146	145	146	145	144
Central bank	0	0	0	0	0
Other direct participants	0	0	0	0	0
Indirect participants	1,433	1,388	1,345	1,283	1,252
<b>Tokyo Clearing House</b>					
Number of participants	354	347	343	334	329
Direct participants	106	105	105	105	105
Banks	104	103	104	104	104
Central bank	1	1	1	1	1
Other direct participants	1	1	0	0	0
<i>Postal institution</i>	1	1	0	0	0
Indirect participants	248	242	238	229	224

**Table 10**  
**Payments processed by selected interbank funds transfer systems: volume of transactions**  
*(thousands, total for the year)*

	2005	2006	2007	2008	2009
<b>Large-value payment systems</b>					
<b>BOJ-NET Funds Transfer System<sup>1</sup></b>					
Credit transfers sent	5,302	5,549	6,762	8,471	12,314
Concentration ratio in terms of volume	nav	nav	nav	nav	nav
<b>Foreign Exchange Yen Clearing System</b>					
Credit transfers sent	6,865	6,774	7,753	7,539	6,207
Concentration ratio in terms of volume	nav	nav	nav	nav	nav
<b>Retail payment systems</b>					
<b>Zengin System</b>					
Total national transactions sent	1,314,794	1,321,136	1,353,274	1,368,212	1,380,262
Concentration ratio in terms of volume	nav	nav	nav	nav	nav
<b>Tokyo Clearing House</b>					
Total national transactions sent	48,863	44,424	40,707	36,647	31,167
Concentration ratio in terms of volume	nav	nav	nav	nav	nav

<sup>1</sup> From October 2008, the foreign exchange yen transactions previously netted out in the Foreign Exchange Yen Clearing System have been settled on a gross basis via BOJ-NET Funds Transfer System.

Sources: Bank of Japan; Japanese Bankers Association.

**Table 11****Payments processed by selected interbank funds transfer systems: value of transactions***(JPY trillions, total for the year)*

	2005	2006	2007	2008	2009
<b>Large-value payment systems</b>					
<b>BOJ-NET Funds Transfer System<sup>1</sup></b>					
Credit transfers sent	21,645.4	25,369.9	29,488.5	29,542.4	27,249.4
Concentration ratio in terms of value	nav	nav	nav	nav	nav
<b>Foreign Exchange Yen Clearing System</b>					
Credit transfers sent	4,023.2	4,421.4	5,632.7	5,180.5	3,176.5
Concentration ratio in terms of value	nav	nav	nav	nav	nav
<b>Retail payment systems</b>					
<b>Zengin System</b>					
Total national transactions sent	2,339.7	2,472.5	2,627.8	2,686.9	2,404.4
Concentration ratio in terms of value	nav	nav	nav	nav	nav
<b>Tokyo Clearing House</b>					
Total national transactions sent	363.8	326.4	317.1	298.3	260.3
Concentration ratio in terms of value	nav	nav	nav	nav	nav

<sup>1</sup> From October 2008, the foreign exchange yen transactions previously netted out in the Foreign Exchange Yen Clearing System have been settled on a gross basis via BOJ-NET Funds Transfer System.

Sources: Bank of Japan; Japanese Bankers Association.

**Table 12**  
**Participation in SWIFT by domestic institutions**  
*(end of year)*

	2005	2006	2007	2008	2009
Members	124	122	122	121	121
<i>of which: live</i>	124	122	122	121	121
Sub-members	98	97	94	93	84
<i>of which: live</i>	96	94	92	91	83
Participants	39	45	43	49	52
<i>of which: live</i>	38	45	43	47	50
Total users	261	264	259	263	257
<i>of which: live</i>	258	261	257	259	254
<i>Memo:</i>					
Total SWIFT users	7,888	8,105	8,332	8,830	9,281
<i>members</i>	2,231	2,288	2,276	2,276	2,356
<i>sub-members</i>	3,077	3,120	3,212	3,305	3,306
<i>participants</i>	2,580	2,697	2,844	3,249	3,619

Source: SWIFT.

**Table 13**  
**SWIFT message flows to/from domestic users**  
*(thousands, total for the year)*

	2005	2006	2007	2008	2009
Total messages sent	76,207	84,263	110,985	120,876	111,236
<i>of which:</i>					
<i>category I</i>	8,114	8,532	11,619	10,609	9,345
<i>category II</i>	7,186	7,826	12,677	10,675	5,995
Total messages received	60,228	64,915	86,337	93,224	81,076
<i>of which:</i>					
<i>category I</i>	6,385	6,903	10,287	9,338	8,342
<i>category II</i>	9,679	10,766	14,813	15,238	8,362
Domestic traffic	11,008	11,857	17,506	17,935	13,300
<i>Memo:</i>					
Global SWIFT traffic	2,518,285	2,864,537	3,501,163	3,854,576	3,760,314

Source: SWIFT.

**Table 14**  
**Number of participants in exchanges and trading systems**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>Tokyo Stock Exchange (TSE)</b>					
Total number of participants	173	174	172	165	153
<i>central bank</i>	0	0	0	0	0
<i>central counterparties (CCPs)</i>	0	0	0	0	0
<i>banks</i>	61	59	57	52	45
<i>other</i>	112	115	115	113	108
Number of domestic participants	173	174	172	165	153
<i>central bank</i>	0	0	0	0	0
<i>central counterparties (CCPs)</i>	0	0	0	0	0
<i>banks</i>	61	59	57	52	45
<i>other</i>	112	115	115	113	108
Number of foreign participants	0	0	0	0	0
<b>Osaka Securities Exchange (OSE)</b>					
Total number of participants	99	101	102	98	97
<i>central bank</i>	0	0	0	0	0
<i>central counterparties (CCPs)</i>	0	0	0	0	0
<i>banks</i>	0	0	0	0	1
<i>other</i>	99	101	102	98	96
Number of domestic participants	99	101	102	98	97
<i>central bank</i>	0	0	0	0	0
<i>central counterparties (CCPs)</i>	0	0	0	0	0
<i>banks</i>	0	0	0	0	1
<i>other</i>	99	101	102	98	96
Number of foreign participants	0	0	0	0	0
<b>Tokyo Financial Exchange (TFX)</b>					
Total number of participants	62	64	69	72	73
<i>central bank</i>	0	0	0	0	0
<i>central counterparties (CCPs)</i>	0	0	0	0	0
<i>banks</i>	31	29	30	31	33
<i>other</i>	31	35	39	41	40
Number of domestic participants	62	64	69	72	73
<i>central bank</i>	0	0	0	0	0
<i>central counterparties (CCPs)</i>	0	0	0	0	0
<i>banks</i>	31	29	30	31	33
<i>other</i>	31	35	39	41	40
Number of foreign participants	0	0	0	0	0

Sources: Tokyo Stock Exchange; Osaka Securities Exchange; Tokyo Financial Exchange.

**Table 15****Number of listed securities***(end of year)*

	2005	2006	2007	2008	2009
<b>TSE</b>					
Total number of listed securities	2,699	2,764	2,748	2,720	2,648
debt securities	259	275	278	285	290
<i>short-term paper</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>bonds</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
equity <sup>1</sup>	2,323	2,391	2,389	2,373	2,319
other <sup>2</sup>	117	98	81	62	39
<b>OSE</b>					
Total number of listed securities	1,356	1,374	1,359	1,328	1,248
debt securities	258	275	278	285	290
<i>short-term paper</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>bonds</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
equity <sup>1</sup>	1,063	1,073	1,062	1,031	953
other <sup>2</sup>	35	26	19	12	5
<b>TFX</b>					
Total number of listed securities	nap	nap	nap	nap	nap

<sup>1</sup> Number of listed companies. Excludes foreign stocks. <sup>2</sup> Number of convertible bonds.

Sources: Tokyo Stock Exchange; Osaka Securities Exchange.

**Table 16****Market capitalisation of listed companies<sup>1</sup>***(JPY trillions, end of year)*

	2005	2006	2007	2008	2009
<b>TSE</b>					
Total market capitalisation/equity	539.74	549.79	483.83	283.46	307.78
<b>OSE</b>					
Total market capitalisation/equity	350.51	372.05	325.98	183.18	198.52
<b>TFX</b>					
Total market capitalisation/equity	nap	nap	nap	nap	nap

<sup>1</sup> Figures show the aggregated market value of companies listed in each trading system. The companies listed in both TSE and OSE are counted twice.

Sources: Tokyo Stock Exchange; Osaka Securities Exchange.

**Table 17****Number of executed trades***(thousands, total for the year)*

	2005	2006	2007	2008	2009
<b>TSE</b>					
Total number of executed securities trades	nav	nav	nav	nav	nav
Total number of executed derivatives trades	nav	nav	nav	nav	nav
<b>OSE</b>					
Total number of executed securities trades	nav	nav	nav	nav	nav
Total number of executed derivatives trades	nav	nav	nav	nav	nav
<b>TFX</b>					
Total number of executed securities trades	nav	nav	nav	nav	nav
Total number of executed derivatives trades	nav	nav	nav	nav	nav

**Table 18****Value of executed trades***(JPY trillions, total for the year)*

	2005	2006	2007	2008	2009
<b>TSE</b>					
Total value of executed securities trades	497.04	680.78	762.61	583.01	378.37
debt securities <sup>1</sup>	0.0016	0.0003	0.0002	0.0000	0.0000
<i>short-term paper</i>	nav	nav	nav	nav	nav
<i>bonds</i>	nav	nav	nav	nav	nav
equity <sup>2</sup>	491.77	673.76	752.23	576.32	373.77
other <sup>3</sup>	5.27	7.02	10.38	6.69	4.61
Total value of executed derivatives trades	1,152.30	1,446.92	1,628.46	1,281.06	809.22
<i>financial futures</i> <sup>4</sup>	1,151.92	1,446.40	1,627.81	1,280.27	808.63
<i>financial options</i> <sup>5</sup>	0.38	0.52	0.65	0.79	0.60
<b>OSE</b>					
Total value of executed securities trades	24.04	30.56	33.54	26.90	15.33
debt securities	0	0	0	0	0
equity <sup>2</sup>	22.66	28.44	31.14	24.36	13.17
other <sup>3</sup>	1.38	2.12	2.41	2.54	2.17
Total value of executed derivatives trades	230.73	417.01	593.59	541.17	338.44
<i>financial futures</i> <sup>6</sup>	229.26	414.19	590.25	536.15	332.58
<i>financial options</i> <sup>7</sup>	1.47	2.82	3.34	5.01	5.21
<i>other financial derivatives</i>	nav	nav	nav	nav	0.65
<b>TFX</b>					
Total value of executed securities trades	nav	nav	nav	nav	nav
Total value of executed derivatives trades <sup>8</sup>	1,098.55	3,149.65	3,896.18	2,237.90	1,306.60
<i>financial futures</i> <sup>9</sup>	1,098.55	3,149.65	3,896.18	2,237.90	1,306.60
<i>financial options</i> <sup>10</sup>	nav	nav	nav	nav	nav
<i>other financial derivatives</i> <sup>11</sup>	nav	nav	nav	nav	nav

<sup>1</sup> Negligible figure in 2008. <sup>2</sup> Excludes foreign stocks. <sup>3</sup> Includes convertible bonds, ETFs and investment unit. <sup>4</sup> Includes stock price index and JGB futures. <sup>5</sup> Includes options on stock price index, stock and JGB futures. <sup>6</sup> Includes stock price index futures. <sup>7</sup> Includes stock and stock price index options. <sup>8</sup> Sum of available data. <sup>9</sup> Includes mainly three-month euroyen futures. <sup>10</sup> Includes options on three-month euroyen futures, but data are not available. <sup>11</sup> TFX started to handle exchange forex margin contracts in July 2005, but data are not available.

Sources: Tokyo Stock Exchange; Osaka Securities Exchange; Tokyo Financial Exchange.

**Table 19**  
**Number of clearing members**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>Japan Securities Clearing Corporation (JSCC)<sup>1</sup></b>					
Total number of clearing members	119	120	119	118	114
<i>central bank</i>	0	0	0	0	0
<i>central counterparties (CCPs)</i>	0	0	0	0	0
<i>banks</i>	0	0	0	2	2
<i>other</i>	119	120	119	116	112
Number of domestic clearing members	119	120	119	118	114
<i>central bank</i>	0	0	0	0	0
<i>central counterparties (CCPs)</i>	0	0	0	0	0
<i>banks</i>	0	0	0	2	2
<i>other</i>	119	120	119	116	112
Number of foreign clearing members	0	0	0	0	0
<b>JASDEC DVP Clearing Corporation (JDCC)</b>					
Total number of clearing members	61	61	62	62	60
<i>central bank</i>	0	0	0	0	0
<i>central counterparties (CCPs)</i>	0	0	0	0	0
<i>banks</i>	17	17	17	16	16
<i>other</i>	44	44	45	46	44
Number of domestic clearing members	61	61	62	62	60
<i>central bank</i>	0	0	0	0	0
<i>central counterparties (CCPs)</i>	0	0	0	0	0
<i>banks</i>	17	17	17	16	16
<i>other</i>	44	44	45	46	44
Number of foreign clearing members	0	0	0	0	0
<b>Japan Government Bond Clearing Corporation (JGBCC)<sup>2</sup></b>					
Total number of clearing members	34	35	37	35	35
<i>central bank</i>	0	0	0	0	0
<i>central counterparties (CCPs)</i>	0	0	0	0	0
<i>banks</i>	3	3	5	5	5
<i>other</i>	31	32	32	30	30
Number of domestic clearing members	34	35	37	35	35
<i>central bank</i>	0	0	0	0	0
<i>central counterparties (CCPs)</i>	0	0	0	0	0
<i>banks</i>	3	3	5	5	5
<i>other</i>	31	32	32	30	30
Number of foreign clearing members	0	0	0	0	0
For the footnotes, see the end of the table.					



**Table 19 (cont)**

	2005	2006	2007	2008	2009
<b>TFX</b>					
Total number of clearing members	56	59	63	67	68
<i>central bank</i>	0	0	0	0	0
<i>central counterparties (CCPs)</i>	0	0	0	0	0
<i>banks</i>	30	28	29	30	32
<i>other</i>	26	31	34	37	36
Number of domestic clearing members	56	59	63	67	68
<i>central bank</i>	0	0	0	0	0
<i>central counterparties (CCPs)</i>	0	0	0	0	0
<i>banks</i>	30	28	29	30	32
<i>other</i>	26	31	34	37	36
Number of foreign clearing members	0	0	0	0	0
<b>OSE</b>					
Total number of clearing members	95	94	95	92	90
<i>central bank</i>	0	0	0	0	0
<i>central counterparties (CCPs)</i>	0	0	0	0	0
<i>banks</i>	0	0	0	0	0
<i>other</i>	95	94	95	92	90
Number of domestic clearing members	95	94	95	92	90
<i>central bank</i>	0	0	0	0	0
<i>central counterparties (CCPs)</i>	0	0	0	0	0
<i>banks</i>	0	0	0	0	0
<i>other</i>	95	94	95	92	90
Number of foreign clearing members	0	0	0	0	0

<sup>1</sup> Excludes clearing members for futures and option transactions. <sup>2</sup> Operations started in May 2005.

Sources: Japan Securities Clearing Corporation; JASDEC DVP Clearing Corporation; Japan Government Bond Clearing Corporation; Tokyo Financial Exchange; Osaka Securities Exchange.

**Table 20****Number of contracts and transactions cleared***(thousands, total for the year)*

	2005	2006	2007	2008	2009
<b>JSCC</b>					
Total number of contracts and transactions cleared	nav	nav	nav	nav	nav
<b>JDCC</b>					
Total number of contracts and transactions cleared	nav	nav	nav	nav	nav
<b>JGBCC<sup>1</sup></b>					
Total number of contracts and transactions cleared	nav	nav	nav	nav	nav
<b>TFX</b>					
Total number of contracts and transactions cleared	nav	nav	nav	nav	nav
<b>OSE</b>					
Total number of contracts and transactions cleared	nav	nav	nav	nav	nav

<sup>1</sup> Operations started in May 2005.

**Table 21****Value of contracts and transactions cleared<sup>1</sup>***(JPY trillions, total for the year except as noted)*

	2005	2006	2007	2008	2009
<b>JSCC</b>					
Total value of contracts and transactions cleared <sup>2</sup>	39.01	51.55	52.30	46.41	30.32
Value of securities transactions cleared <sup>3</sup>	39.01	51.55	52.30	46.41	30.32
debt securities	nav	nav	nav	nav	nav
equity	nav	nav	nav	nav	nav
other	nav	nav	nav	nav	nav
<i>of which: value of repurchase transactions cleared</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Value of exchange-traded derivatives contracts cleared <sup>4</sup>	nav	nav	nav	nav	nav
Value of OTC derivatives contracts cleared	nap	nap	nap	nap	nap
<b>JDCC<sup>5</sup></b>					
Total value of contracts and transactions cleared	42.04	45.44	45.82	40.75	28.47
Value of securities transactions cleared <sup>3</sup>	42.04	45.44	45.82	40.75	28.47
debt securities	nav	nav	nav	nav	nav
equity	nav	nav	nav	nav	nav
other	nav	nav	nav	nav	nav
<i>of which: value of repurchase transactions cleared</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
Value of exchange-traded derivatives contracts cleared	nap	nap	nap	nap	nap
Value of OTC derivatives contracts cleared	nap	nap	nap	nap	nap
<b>JGBCC</b>					
Total value of contracts and transactions cleared	750.21	1,649.31	2,410.42	2,510.36	2,241.15
Value of securities transactions cleared	750.21	1,649.31	2,410.42	2,510.36	2,241.15
<i>government bonds<sup>6</sup></i>	<i>750.21</i>	<i>1,649.31</i>	<i>2,410.42</i>	<i>2,510.36</i>	<i>2,241.15</i>
<i>of which: value of repurchase transactions cleared</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
Value of exchange-traded derivatives contracts cleared	nap	nap	nap	nap	nap
Value of OTC derivatives contracts cleared	nap	nap	nap	nap	nap

For the footnotes, see the end of the table.

Table 21 (cont)

	2005	2006	2007	2008	2009
<b>TFX</b>					
Total value of contracts and transactions cleared	0.147	0.557	0.368	0.430	0.178
Value of securities transactions cleared	nap	nap	nap	nap	nap
Value of exchange-traded derivatives contracts cleared	0.147	0.557	0.368	0.430	0.178
<i>financial futures</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>financial options</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>other financial derivatives</i> <sup>7</sup>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>commodity futures</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
<i>commodity options</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
<i>other commodity derivatives</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
Value of OTC derivatives contracts cleared	nap	nap	nap	nap	nap
<b>OSE</b>					
Total value of contracts and transactions cleared	nav	3.313255	3.249	6.333	3.456
Value of securities transactions cleared	nap	nap	nap	nap	nap
Value of exchange-traded derivatives contracts	nav	3.313255	3.249	6.333	3.456
<i>financial futures</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>financial options</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>other financial derivatives</i> <sup>7</sup>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	0.0018
<i>commodity futures</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
<i>commodity options</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
<i>other commodity derivatives</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
Value of OTC derivatives contracts cleared	nap	nap	nap	nap	nap

<sup>1</sup> Value of contracts and transactions settled after the netting. <sup>2</sup> Sum of available data. <sup>3</sup> Includes stocks, convertible bonds, ETFs, investment unit, preferred equity investment and share options. <sup>4</sup> Operations started for handling exchange-traded derivatives contracts in February 2004. <sup>5</sup> Figures for the year ending March of the following year. <sup>6</sup> Includes JGBs and Treasury Discounting Bills (T-Bills). <sup>7</sup> Operations started for handling exchange forex margin contracts in July 2005.

Sources: Japan Securities Clearing Corporation; JASDEC DVP Clearing Corporation; Japan Government Bond Clearing Corporation; Tokyo Financial Exchange; Osaka Securities Exchange.

**Table 22**  
**Number of direct participants in CSDs**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>Bank of Japan (BOJ)<sup>1</sup></b>					
Total number of participants	335	330	329	314	306
<i>central bank</i>	1	1	1	1	1
<i>central counterparties (CCPs)</i>	6	6	6	6	6
<i>central securities depositories</i>	0	0	0	0	0
<i>banks</i>	209	206	207	203	200
<i>other</i>	119	117	115	104	99
Number of domestic participants	335	330	329	314	306
<i>central bank</i>	1	1	1	1	1
<i>central counterparties (CCPs)</i>	6	6	6	6	6
<i>central securities depositories</i>	0	0	0	0	0
<i>banks</i>	209	206	207	203	200
<i>other</i>	119	117	115	104	99
Number of foreign participants	0	0	0	0	0
<b>Japan Securities Depository Center (JASDEC)</b>					
a) System for stocks and convertible bonds					
Total number of participants	276	288	290	264	248
<i>central bank</i>	0	0	0	0	0
<i>central counterparties (CCPs)</i>	5	5	5	5	5
<i>central securities depositories</i>	0	0	0	0	0
<i>banks</i>	38	37	36	24	23
<i>other</i>	233	246	249	235	220
Number of domestic participants	276	288	290	264	248
<i>central bank</i>	0	0	0	0	0
<i>central counterparties (CCPs)</i>	5	5	5	5	5
<i>central securities depositories</i>	0	0	0	0	0
<i>banks</i>	38	37	36	24	23
<i>other</i>	233	246	249	235	220
Number of foreign participants	0	0	0	0	0
b) System for commercial paper					
Total number of participants	59	66	66	67	70
<i>central bank</i>	1	1	1	1	1
<i>central counterparties (CCPs)</i>	0	0	0	0	0
<i>central securities depositories</i>	0	0	0	0	0
<i>banks</i>	26	29	30	30	33
<i>other</i>	32	36	35	36	36
Number of domestic participants	59	66	66	67	70
<i>central bank</i>	1	1	1	1	1
<i>central counterparties (CCPs)</i>	0	0	0	0	0
<i>central securities depositories</i>	0	0	0	0	0
<i>banks</i>	26	29	30	30	33
<i>other</i>	32	36	35	36	36
Number of foreign participants	0	0	0	0	0

For the footnotes, see the end of the table.

Table 22 (cont)

	2005	2006	2007	2008	2009
c) System for corporate bonds <sup>2</sup>					
Total number of participants	nap	87	86	86	89
<i>central bank</i>	nap	1	1	1	1
<i>central counterparties (CCPs)</i>	nap	3	3	3	3
<i>central securities depositories</i>	nap	0	0	0	0
<i>banks</i>	nap	30	32	31	33
<i>other</i>	nap	53	50	51	52
Number of domestic participants	nap	87	86	86	89
<i>central bank</i>	nap	1	1	1	1
<i>central counterparties (CCPs)</i>	nap	3	3	3	3
<i>central securities depositories</i>	nap	0	0	0	0
<i>banks</i>	nap	30	32	31	33
<i>other</i>	nap	53	50	51	52
Number of foreign participants	nap	0	0	0	0
d) System for investment trust <sup>3</sup>					
Total number of participants	nap	nap	186	192	184
<i>central bank</i>	nap	nap	0	0	0
<i>central counterparties (CCPs)</i>	nap	nap	2	2	2
<i>central securities depositories</i>	nap	nap	0	0	0
<i>banks</i>	nap	nap	38	37	36
<i>other</i>	nap	nap	146	153	146
Number of domestic participants	nap	nap	186	192	184
<i>central bank</i>	nap	nap	0	0	0
<i>central counterparties (CCPs)</i>	nap	nap	2	2	2
<i>central securities depositories</i>	nap	nap	0	0	0
<i>banks</i>	nap	nap	38	37	36
<i>other</i>	nap	nap	146	153	146
Number of foreign participants	nap	nap	0	0	0

<sup>1</sup> Figures show the number of the JGB Book-Entry System. Includes the number of offline participants. <sup>2</sup> Operations started in January 2006. <sup>3</sup> Operations started in January 2007.

Sources: Bank of Japan; Japan Securities Depository Center.

**Table 23****Number of securities held on accounts at CSDs***(end-March of the following year)*

	2005	2006	2007	2008	2009
<b>BOJ</b>					
Total number of securities held	nav	nav	nav	nav	nav
<i>government bonds</i>	nav	nav	nav	nav	nav
<b>JASDEC</b>					
Total number of securities held	29,151	80,796	88,306	89,093	86,135
debt securities	25,118	71,585	78,576	79,167	75,932
<i>short-term paper</i> <sup>1</sup>	5,848	6,129	5,759	5,869	4,730
<i>bonds</i> <sup>2</sup>	19,270	65,456	72,817	73,298	71,202
equity <sup>3</sup>	3,887	4,010	4,031	3,950	3,856
other <sup>4</sup>	146	5,201	5,699	5,976	6,347

<sup>1</sup> Includes commercial paper. <sup>2</sup> Includes corporate and municipal bonds. <sup>3</sup> Includes stocks, preferred equity investment, ETFs, investment unit and share options. <sup>4</sup> Includes convertible bonds and investment trusts.

Source: Japan Securities Depository Center.

**Table 24****Value of securities held on accounts at CSDs***(JPY trillions, end of year except as noted)*

	2005	2006	2007	2008	2009
<b>BOJ</b>					
Total value of securities held	748.65	768.75	777.66	787.26	810.61
<i>government bonds</i> <sup>1</sup>	748.65	768.75	777.66	787.26	810.61
<b>JASDEC</b> <sup>2</sup>					
Total value of securities held <sup>3</sup>	26.72	294.93	368.54	365.77	371.13
debt securities	25.03	200.30	261.28	259.02	259.67
<i>short-term paper</i> <sup>4</sup>	18.62	18.97	20.28	18.75	14.12
<i>bonds</i> <sup>5</sup>	6.41	181.33	241.00	240.27	245.55
equity	nav	nav	nav	nav	nav
other <sup>6</sup>	1.69	94.62	107.26	106.75	111.46

<sup>1</sup> Includes JGB and T-Bills. <sup>2</sup> As of end-March of the following year. <sup>3</sup> Sum of available data. <sup>4</sup> Includes commercial paper.

<sup>5</sup> Includes corporate and municipal bonds. <sup>6</sup> Includes convertible bonds and investment trusts.

Sources: Bank of Japan; Japan Securities Depository Center.

**Table 25**  
**Number of delivery instructions processed**  
*(thousands, total for the year except as noted)*

	2005	2006	2007	2008	2009
<b>BOJ</b>					
Total number of delivery instructions	3,334.0	3,688.2	4,283.9	4,491.6	3,904.2
DVP	2,371.5	2,560.8	3,038.6	3,133.1	2,607.0
<i>government bonds</i> <sup>1</sup>	2,371.5	2,560.8	3,038.6	3,133.1	2,607.0
free of payment	962.6	1,127.4	1,245.3	1,358.5	1,297.3
<i>government bonds</i> <sup>1</sup>	962.6	1,127.4	1,245.3	1,358.5	1,297.3
<b>JASDEC</b> <sup>2</sup>					
Total number of delivery instructions	61,451.8	60,592.2	65,391.8	73,784.8	88,058.4
DVP	46,865.1	45,235.8	46,547.7	46,880.4	44,662.5
debt securities	85.6	158.3	231.4	244.6	250.1
<i>short-term paper</i> <sup>3</sup>	78.9	98.9	107.7	131.7	119.8
<i>bonds</i> <sup>4</sup>	6.7	59.4	123.7	112.9	130.4
equity <sup>5</sup>	46,673.1	44,880.5	45,693.3	45,964.1	43,677.6
other <sup>6</sup>	106.4	197.0	623.0	671.8	734.7
free of payment	14,586.7	15,356.4	18,844.2	26,904.4	43,395.9
debt securities	52.7	220.3	449.0	491.9	392.5
<i>short-term paper</i> <sup>3</sup>	45.5	68.7	88.7	112.3	111.6
<i>bonds</i> <sup>4</sup>	7.3	151.6	360.3	379.5	280.9
equity <sup>5</sup>	14,497.4	14,649.4	16,459.1	24,588.6	41,069.4
other <sup>6</sup>	36.6	486.7	1,936.0	1,823.9	1,934.0

<sup>1</sup> Includes JGB and T-Bills. <sup>2</sup> Figures for the year ending March of the following year. <sup>3</sup> Includes commercial paper. <sup>4</sup> Includes corporate and municipal bonds. <sup>5</sup> Includes stocks, preferred equity investment, ETFs, investment unit and share options.

<sup>6</sup> Includes convertible bonds and investment trusts. For investment trusts, figures for new issuance and redemption are reported.

Sources: Bank of Japan; Japan Securities Depository Center.

**Table 26**  
**Value of delivery instructions processed**  
*(JPY trillions, total for the year except as noted)*

	2005	2006	2007	2008	2009
<b>BOJ</b>					
Total value of delivery instructions	16,197.5	18,669.7	22,213.9	22,098.1	19,738.3
DVP	8,587.7	10,502.8	13,280.5	13,035.8	10,269.7
<i>government bonds</i> <sup>1</sup>	8,587.7	10,502.8	13,280.5	13,035.8	10,269.7
free of payment	7,609.8	8,166.9	8,933.4	9,062.3	9,468.5
<i>government bonds</i> <sup>1</sup>	7,609.8	8,166.9	8,933.4	9,062.3	9,468.5
<b>JASDEC</b> <sup>2</sup>					
Total value of delivery instructions <sup>3</sup>	634.7	1,051.4	1,400.5	1,411.1	1,301.4
DVP <sup>3</sup>	464.9	688.2	823.3	783.9	777.7
debt securities	464.9	660.1	726.4	709.6	689.9
<i>short-term paper</i> <sup>4</sup>	460.5	623.9	657.0	644.6	623.9
<i>bonds</i> <sup>5</sup>	4.4	36.2	69.4	64.9	66.1
equity	nav	nav	nav	nav	nav
other	nav	28.1	97.0	74.3	87.7
free of payment <sup>3</sup>	169.8	363.2	577.2	627.2	523.7
debt securities	169.8	341.2	510.2	574.2	469.5
<i>short-term paper</i> <sup>4</sup>	165.2	277.6	339.1	415.7	402.7
<i>bonds</i> <sup>5</sup>	4.6	63.5	171.1	158.6	66.8
equity	nav	nav	nav	nav	nav
other <sup>6</sup>	nav	22.0	67.0	53.0	54.3

<sup>1</sup> Includes JGB and T-Bills. <sup>2</sup> Figures for the year ending March of the following year. <sup>3</sup> Sum of available data. <sup>4</sup> Includes commercial paper. <sup>5</sup> Includes corporate and municipal bonds. <sup>6</sup> Includes investment trusts, figures for new issuance and redemption are reported.

Sources: Bank of Japan; Japan Securities Depository Center.



**Table 1**  
**Basic statistical data**

	2005	2006	2007	2008	2009
Population (thousands)	48,138	48,297	48,456	48,607	48,747
GDP (KRW billions)	865,241	908,744	975,013	1,026,452	1,063,059
GDP per capita (KRW)	17,974,178	18,815,744	20,121,615	21,117,370	21,807,680
Consumer price inflation (%)	2.8	2.2	2.5	4.7	2.8
Exchange rate (KRW/USD):					
<i>end of year</i>	1,013.00	929.60	938.20	1,257.50	1,167.60
<i>average</i>	1,024.31	955.51	929.20	1,102.59	1,276.40

Source: Bank of Korea.

**Table 2**  
**Settlement media used by non-banks**  
*(KRW billions, end of year)*

	2005	2006	2007	2008	2009
Notes and coin in circulation outside banks	20,412.30	21,636.10	22,039.50	23,437.20	29,205.90
Value of transferable deposits	281,338.40	308,682.70	294,343.20	307,186.50	360,188.60
Other	30,594.20	40,768.80	0	0	0
Narrow money supply (M1) <sup>1</sup>	332,344.90	371,087.60	316,382.70	330,623.70	389,394.50
<i>Memo:</i>					
Transferable deposits in foreign currencies <sup>2</sup>	nap	nap	nap	nap	nap
Outstanding value on e-money storages <sup>2</sup>	nap	nap	nap	nap	nap

<sup>1</sup> Currency in circulation, excludes banknotes and coin not in circulation, plus demand deposits and savings deposits with transferability. Corporate MMF is excluded from Nov 21 2005 because from that day corporate MMF is subject to be redeemed on the next business day. Individual MMF is also excluded from Mar 22 2007 because from that day individual MMF is subject to be redeemed and to be deposited on the next business day. <sup>2</sup> Not classified as M1.

Source: Bank of Korea.

**Table 3****Settlement media used by banks**

(KRW billions, average for December except as noted)

	2005	2006	2007	2008	2009
Transferable balances held at the central bank	19,335	26,211	26,976	30,506	32,996
<i>required reserves</i>	19,274	26,130	26,892	30,487	32,975
<i>free reserves</i>	61	81	84	19	21
Transferable balances held at other banks	nap	nap	nap	nap	nap
<i>Memo:</i>					
Credit extended by the central bank: <sup>1</sup>					
<i>intraday</i> <sup>2</sup>	nav	669	506	824	1,991
<i>overnight</i>	nav	nav	nav	nav	nav
<i>longer refinancing operations (repos)</i> <sup>3</sup>	9,372	9,368	6,409	8,106	9,806

<sup>1</sup> End of December. <sup>2</sup> Daily average of the intraday credit in December. <sup>3</sup> Sum of the aggregate credit ceiling loan at the end of December.

Source: Bank of Korea.

**Table 4****Banknotes and coin**

(KRW billions, end of year)

	2005	2006	2007	2008	2009
Total banknotes and coin issued	26,040	27,746	29,224	30,658	37,245
Total banknotes issued	24,552	26,184	27,541	28,915	35,415
<i>KRW 50,000</i> <sup>1</sup>	nap	nap	nap	nap	9,923
<i>KRW 10,000</i>	22,656	23,923	25,307	26,700	23,259
<i>KRW 5,000</i>	825	1,153	1,058	1,033	1,018
<i>KRW 1,000</i>	1,058	1,094	1,163	1,168	1,201
<i>other</i> <sup>2</sup>	14	14	14	14	14
Total coin issued	1,487	1,563	1,683	1,743	1,830
<i>of which:</i>					
<i>KRW 500</i>	711	756	825	854	906
<i>KRW 100</i>	633	658	704	731	762
<i>KRW 50</i>	83	86	89	91	93
<i>KRW 10</i>	59	60	63	65	67
<i>KRW 5</i>	1	1	1	1	1
<i>KRW 1</i>	1	1	1	1	1
Banknotes and coin held by banks <sup>3</sup>	5,625	6,105	7,179	7,215	8,033
Banknotes and coin in circulation outside banks <sup>3</sup>	20,412	21,636	22,040	23,437	29,206

<sup>1</sup> Was printed in June 2009 for the first time. <sup>2</sup> Bank notes which are no longer printed but are still in circulation. <sup>3</sup> Excludes banknotes which are issued but not in circulation, as possessed for souvenirs.

Source: Bank of Korea.

**Table 5**  
**Institutions offering payment services to non-banks**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>Central bank</b>					
Number of branches or offices	20	20	17	17	16
Number of accounts (thousands)	0.066	0.070	0.073	0.078	0.079
Value of accounts, all (KRW billions)	17,212.6	24,128.7	27,188.5	31,127.5	29,959.6
<i>Memo:</i>					
Number of accounts, banks (thousands)	0.292	0.273	0.236	0.239	0.238
<b>Banks</b>					
Number of institutions	56	54	54	56	55
Number of branches or offices	6,768	7,123	7,409	7,703	7,581
Number of accounts (thousands)	21,627.0	24,952.0	27,283.0	28,922.0	30,086.0
<i>of which: number of internet/PC-linked accounts</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Value of accounts (KRW billions) <sup>1</sup>	71,325.0	78,788.0	77,662.0	76,528.0	86,245.0
<b>Domestically licensed banks</b>					
Number of institutions	14	13	13	13	13
Number of branches or offices	5,161	5,411	5,548	5,724	5,589
Value of accounts (KRW billions)	51,374.0	56,682.0	55,189.0	54,319.0	59,926.0
<b>Special purpose banks<sup>2</sup></b>					
Number of institutions	5	5	5	5	5
Number of branches or offices	1,542	1,642	1,790	1,907	1,921
Value of accounts (KRW billions)	19,557.0	21,580.0	21,748.0	21,409.0	25,027.0
<b>Branches of foreign banks</b>					
Number of institutions	37	36	36	38	37
Number of branches or offices	65	70	71	72	71
Value of accounts (KRW billions)	394.0	526.0	725.0	800.0	1,292.0

For the footnotes, see the end of the table.

Table 5 (cont)

	2005	2006	2007	2008	2009
<b>Other institutions offering payment services to non-banks</b>					
Number of institutions	2,829	2,772	2,709	2,678	2,651
Number of branches or offices	9,199	9,208	9,498	9,679	9,690
Number of accounts (thousands)	nav	nav	nav	nav	nav
Value of accounts (KRW billions)	23,705.9	20,044.2	22,392.7	23,936.0	27,769.3
<b>Federations of non-bank credit institutions<sup>3</sup></b>					
Number of institutions <sup>4</sup>	2,774.0	2,717.0	2,654.0	2,617.0	2,588.0
Number of branches or offices	4,838.0	4,851.0	4,917.0	5,021.0	5,084.0
Value of accounts (KRW billions) <sup>1</sup>	3,384.2	3,687.4	3,772.1	3,423.2	5,029.9
<b>Korea Post</b>					
Number of institutions	1.0	1.0	1.0	1.0	1.0
Number of branches or offices	2,777.0	2,728.0	2,739.0	2,718.0	2,713.0
Value of accounts (KRW billions) <sup>1</sup>	806.1	1,418.5	977.3	2,236.0	1,662.8
<b>Financial investment companies</b>					
Number of institutions	54.0	54.0	54.0	60.0	62.0
Number of branches or offices	1,584.0	1,629.0	1,842.0	1,940.0	1,893.0
Value of accounts (KRW billions) <sup>5</sup>	19,515.6	14,938.3	17,643.3	18,276.8	21,076.6
<b>Institutions offering payment services to non-banks (total)</b>					
Number of institutions	2,885	2,826	2,763	2,734	2,706
Number of branches or offices	15,967	16,331	16,907	17,382	17,271
Number of accounts held by non-banks	nav	nav	nav	nav	nav
Value of accounts held by non-banks (KRW billions)	95,030.4	98,832.1	100,055.0	100,463.9	114,014.3
<i>Memo:</i>					
<b>Electronic money institutions</b>					
Number of institutions	4	3	3	3	3
Outstanding value on e-money storages issued by e-money institutions (KRW billions)	11.6	10.5	10.5	11.2	11.8
<sup>1</sup> Demand deposits only. <sup>2</sup> Korea Development Bank, Industrial Bank of Korea, Export-Import Bank of Korea, Nonghyup and National Federation of Fisheries. <sup>3</sup> Mutual savings banks, Credit unions and Community Credit Cooperatives. <sup>4</sup> Credit unions is included from 2004. <sup>5</sup> Includes Customer's deposit and Cash Management Accounts.					
Sources: Bank of Korea; Financial Supervisory Service; Korea Post; Community Credit Cooperative; Credit Union.					

**Table 6**  
**Payment card functions and accepting devices**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>Cards issued in the country (thousands)</b>					
Cards with a debit function	81,649	90,232	101,953	118,776	124,343
Cards with a credit function	86,465	92,465	88,771	96,235	106,989
Cards with an e-money function	20,661	22,859	13,164	13,039	14,468
<i>of which: cards with an e-money function which have been loaded at least once</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Total number of cards (irrespective of the number of functions on the card)	188,776	205,556	203,888	228,050	245,800
<i>of which: cards with a combined debit, cash and e-money function</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>Memo:</i>					
Retailer cards	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<b>Terminals located in the country</b>					
ATMs	82,972	86,333	93,728	98,171	101,541
<i>ATMs with a cash withdrawal function</i>	<i>82,972</i>	<i>86,333</i>	<i>93,728</i>	<i>98,171</i>	<i>101,541</i>
<i>ATMs with a credit transfer function</i>	<i>82,972</i>	<i>86,333</i>	<i>93,728</i>	<i>98,171</i>	<i>101,541</i>
POS terminals	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
E-money card terminals	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>

Source: Bank of Korea.

**Table 7**  
**Indicators of the use of payment instruments and terminals by non-banks: volume of transactions**  
*(millions, total for the year)*

	2005	2006	2007	2008	2009
<b>Transactions per type of payment instrument</b>					
Credit transfers <sup>1</sup>	1,646.3	1,797.0	2,043.3	2,311.5	2,428.0
<i>paper-based</i>	386.6	358.5	348.8	344.2	325.3
<i>non-paper-based</i>	1,259.8	1,438.5	1,694.5	1,967.3	2,102.7
Direct debits <sup>1</sup>	1,151.6	1,309.8	1,428.1	1,374.7	1,338.1
Card payments with cards issued in the country	2,701.2	3,315.0	3,848.4	4,744.9	5,814.1
<i>payments by cards with a debit function</i>	199.0	331.4	512.7	743.9	1,050.1
<i>payments by cards with a credit function</i>	2,493.6	2,970.0	3,317.2	3,980.6	4,734.4
E-money payment transactions	159.4	166.7	135.6	115.6	113.3
<i>by cards with an e-money function</i>	159.4	166.7	135.6	115.6	113.3
Cheques <sup>2</sup>	820.3	1,152.5	1,186.1	1,104.0	931.4
Other payment instruments <sup>3</sup>	0.6	0.5	0.4	0.4	0.3
Total number of transactions with payment instruments	6,479.4	7,741.5	8,641.9	9,651.1	10,625.3
<i>of which: cross-border transactions sent</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>Memo:</i>					
Cross-border transactions received	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<b>Transactions per type of terminal</b>					
Total transactions at terminals in the country					
Cash transactions <sup>4</sup>	276.4	273.2	248.4	246.8	239.0
<i>ATM cash withdrawals</i>	276.4	273.2	248.4	246.8	239.0
<i>ATM cash deposits</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
POS payment transactions	2,865.1	3,459.3	3,984.6	4,890.9	5,929.8
E-money card loading/unloading transactions	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
E-money card payment transactions	159.4	166.7	135.6	115.6	113.3

<sup>1</sup> Excludes transfers within the financial institution. <sup>2</sup> Includes promissory notes, personal cheques and cashier's cheques.

<sup>3</sup> Bills of exchange. <sup>4</sup> Sum of available data.

Source: Bank of Korea.

**Table 8**  
**Indicators of the use of payment instruments and terminals by non-banks: value of transactions**  
*(KRW billions, total for the year)*

	2005	2006	2007	2008	2009
<b>Transactions per type of payment instrument</b>					
Credit transfers <sup>1</sup>	4,967,436	6,032,500	7,208,171	8,305,767	9,411,609
<i>paper-based</i>	59,062	59,697	60,615	65,070	65,580
<i>non-paper-based</i>	4,908,375	5,972,803	7,147,557	8,240,697	9,346,029
Direct debits <sup>1</sup>	94,716	111,591	132,053	139,798	136,100
Card payments with cards issued in the country	263,792	291,913	337,289	395,150	422,109
<i>payments by cards with a debit function</i>	7,948	12,443	18,935	26,860	36,506
<i>payments by cards with a credit function</i>	255,476	278,947	317,623	367,439	384,551
E-money payment transactions	120	113	106	94	92
<i>by cards with an e-money function</i>	120	113	106	94	92
Cheques <sup>2</sup>	3,577,134	5,803,362	6,686,010	7,823,230	8,120,218
Other payment instruments <sup>3</sup>	28,479	26,435	26,503	29,667	24,091
Total value of transactions with payment instruments	8,931,676	12,265,915	14,390,132	16,693,706	18,114,218
<i>of which: cross-border transactions sent</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>Memo:</i>					
Cross-border transactions received	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<b>Transactions per type of terminal</b>					
Total transactions at terminals in the country					
Cash transactions <sup>4</sup>	55,478	55,151	49,805	49,572	47,977
<i>ATM cash withdrawals</i>	55,478	55,151	49,805	49,572	47,977
<i>ATM cash deposits</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
POS payment transactions	368,643	383,404	422,572	483,288	502,872
E-money card loading/unloading transactions	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
E-money card payment transactions	120	113	106	94	92

<sup>1</sup> Excludes transfers within the financial institution. <sup>2</sup> Includes promissory notes, personal cheques and cashier's cheques.

<sup>3</sup> Bills of exchange. <sup>4</sup> Sum of available data.

Source: Bank of Korea.

**Table 9**  
**Participation in selected interbank funds transfer systems**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>Large-value payment systems</b>					
<b>BOK-Wire+</b>					
Number of participants	124	123	123	130	130
Direct participants	124	123	123	130	130
Banks	57	54	52	54	53
Central bank	1	1	1	1	1
Other direct participants	66	68	70	75	76
General government	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>Clearing and settlement organisations</i> <sup>1</sup>	5	5	6	5	5
<i>Other financial institutions</i> <sup>2</sup>	56	56	56	62	65
<i>Other</i> <sup>3</sup>	5	7	8	8	6
Indirect participants	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<b>Retail payment systems</b>					
<b>Check Clearing System</b>					
Number of participants	21	23	23	26	52
Direct participants	21	23	23	26	52
Banks	18	18	18	18	18
Central bank	1	1	1	1	1
Other direct participants	2	4	4	7	33
<i>Postal institution</i>	1	1	1	1	1
<i>Other financial institutions</i> <sup>4</sup>	0	0	0	0	25
<i>Other</i> <sup>5</sup>	1	3	3	6	7
Indirect participants	0	0	0	0	0
<b>Interbank Shared Networks</b>					
Number of participants	29	29	29	30	56
Direct participants	29	29	29	30	56
Banks	23	23	23	24	24
Central bank	0	0	0	0	0
Other direct participants	6	6	6	6	32
<i>Postal institution</i>	1	1	1	1	1
<i>Other financial institutions</i> <sup>4</sup>	0	0	0	0	25
<i>Other</i> <sup>5</sup>	5	5	5	5	6
Indirect participants	0	0	0	0	0

<sup>1</sup> Includes Korea Securities Depository, Korea Money Broker Corp., KIDB Money Brokerage Corp., Korea Stock Exchange, CLS etc. <sup>2</sup> Financial investment companies, insurance corporations and merchant banking corporations. <sup>3</sup> Includes Korean Federation of Community Credit Cooperatives, Credit Union Federation, Korea Deposit Insurance Corp., Korea Securities Finance Corp., Korea Federation of Savings Bank, National Forestry Cooperatives Federation etc. <sup>4</sup> Financial investment companies: under Financial Investment Services and Capital Markets Act 2009, they are allowed to provide funds transfer services directly to individual customers. <sup>5</sup> Includes Mutual Credits, Korean Federation of Community Credit Cooperatives, Credit Union Federation, Korea Federation of Savings Bank etc.

Source: Bank of Korea.



**Table 10**  
**Payments processed by selected interbank funds transfer systems: volume of transactions**  
*(millions, total for the year)*

	2005	2006	2007	2008	2009
<b>Large-value payment systems</b>					
<b>BOK-Wire+</b>					
Total transactions sent	1.99	2.08	2.25	2.54	2.75
Concentration ratio in terms of volume (%)	31.2	29.0	28.9	29.7	29.6
<b>Retail payment systems</b>					
<b>Check Clearing System</b>					
Total transactions sent	820.3	1152.5	1186.1	1104.0	931.4
<i>cheques</i> <sup>1</sup>	820.3	1152.5	1186.1	1104.0	931.4
<i>other payment instruments</i> <sup>2</sup>	nav	nav	nav	nav	nav
Concentration ratio in terms of volume (%)	nav	nav	nav	nav	nav
<b>Interbank Shared Networks</b>					
Total transactions sent	2165.4	2415.6	2680.3	2857.7	2969.1
<i>credit transfers</i> <sup>3</sup>	1071.3	1219.4	1431.0	1648.1	1775.4
<i>direct debits</i> <sup>3</sup>	647.5	727.7	779.2	709.9	686.0
<i>card payments</i>	3.5	2.5	1.8	1.3	1.0
<i>ATM transactions</i> <sup>4</sup>	443.1	466.0	468.3	498.3	506.6
<i>e-money transactions</i>	nav	nav	nav	nav	nav
Concentration ratio in terms of volume (%)	nav	nav	nav	nav	nav

<sup>1</sup> Includes promissory notes, personal cheques and cashier's cheques. <sup>2</sup> Bills of exchange. <sup>3</sup> Excludes transfers within the financial institution. <sup>4</sup> Cash withdrawals.

Source: Bank of Korea.

**Table 11****Payments processed by selected interbank funds transfer systems: value of transactions***(KRW trillions, total for the year)*

	2005	2006	2007	2008	2009
<b>Large-value payment systems</b>					
<b>BOK-Wire+</b>					
Total transactions sent	30,166	31,929	36,827	43,027	45,976
Concentration ratio in terms of value (%)	31.0	30.9	35.7	37.6	35.9
<b>Retail payment systems</b>					
<b>Check Clearing System</b>					
Total transactions sent	3,605.6	3,758.1	4,389.0	5,153.4	5,421.2
<i>cheques</i> <sup>1</sup>	3,605.6	3,758.1	4,389.0	5,153.4	5,421.2
<i>other payment instruments</i> <sup>2</sup>	nav	nav	nav	nav	nav
Concentration ratio in terms of value (%)	nav	nav	nav	nav	nav
<b>Interbank Shared Networks</b>					
Total transactions sent	4,998	6,070	7,247	8,345	9,442
<i>credit transfers</i> <sup>3</sup>	4,737	5,773	6,927	8,018	9,120
<i>direct debits</i> <sup>3</sup>	59	69	80	84	80
<i>card payments</i>	0	0	0	0	0
<i>ATM transactions</i> <sup>4</sup>	202	228	240	244	243
<i>e-money transactions</i>	nav	nav	nav	nav	nav
Concentration ratio in terms of value (%)	nav	nav	nav	nav	nav

<sup>1</sup> Includes promissory notes, personal cheques and cashier's cheques. <sup>2</sup> Bills of exchange. <sup>3</sup> Excludes transfers within the financial institution. <sup>4</sup> Cash withdrawals.

Source: Bank of Korea.

**Table 12**  
**Participation in SWIFT by domestic institutions**  
*(end of year)*

	2005	2006	2007	2008	2009
Members	21	20	19	19	19
<i>of which: live</i>	21	20	19	19	19
Sub-members	44	41	42	43	41
<i>of which: live</i>	44	41	42	43	41
Participants	4	6	8	11	13
<i>of which: live</i>	4	6	7	10	12
Total users	69	67	69	73	73
<i>of which: live</i>	69	67	68	72	72
<i>Memo:</i>					
Total SWIFT users	7,888	8,105	8,332	8,830	9,281
<i>members</i>	2,231	2,288	2,276	2,276	2,356
<i>sub-members</i>	3,077	3,120	3,212	3,305	3,306
<i>participants</i>	2,580	2,697	2,844	3,249	3,619

Source: SWIFT.

**Table 13**  
**SWIFT message flows to/from domestic users**  
*(thousands, total for the year)*

	2005	2006	2007	2008	2009
Total messages sent	20,337	22,742	26,226	28,645	28,165
<i>of which:</i>					
<i>category I</i>	6,174	6,897	6,950	6,992	6,959
<i>category II</i>	2,113	2,065	2,200	2,286	2,215
Total messages received	14,014	15,516	17,270	18,898	18,192
<i>of which:</i>					
<i>category I</i>	4,369	4,714	4,995	5,422	5,311
<i>category II</i>	1,005	1,055	1,135	1,179	1,188
Domestic traffic	4,241	4,976	5,424	5,795	5,865
<i>Memo:</i>					
Global SWIFT traffic	2,518,285	2,864,537	3,501,163	3,854,576	3,760,314

Source: SWIFT.

**Table 14**  
**Number of participants in exchanges and trading systems**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>Korea Exchange</b>					
Total number of participants	nav	89	89	96	94
<i>banks</i>	nav	24	24	24	24
<i>other</i>	nav	65	65	72	70
Number of domestic participants	nav	89	89	96	94
<i>banks</i>	nav	24	24	24	24
<i>other</i>	nav	65	65	72	70
Number of foreign participants	nap	nap	nap	nap	nap

Source: Korea Exchange.

**Table 15**  
**Number of listed securities**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>Korea Exchange</b>					
Total number of listed securities	10,133	10,001	10,456	11,260	11,479
debt securities	8,344	8,141	8,515	9,283	9,518
<i>short-term paper</i>	nav	nav	nav	nav	nav
<i>bonds</i>	nav	nav	nav	nav	nav
equity	1,789	1,860	1,941	1,977	1,961

Source: Korea Exchange.

**Table 16**  
**Market capitalisation of listed companies**  
*(KRW trillions, end of year)*

	2005	2006	2007	2008	2009
<b>Korea Exchange</b>					
Total market capitalisation/equity	726.0	776.7	1,051.9	623.1	974.0

Source: Korea Exchange.

**Table 17****Number of executed trades***(millions, total for the year)*

	2005	2006	2007	2008	2009
<b>Korea Exchange</b>					
Total number of executed securities trades <sup>1</sup>	nav	nav	nav	nav	nav
Total number of executed derivatives trades	2,593.05	2,474.63	2,777.42	2,867.28	3,102.87
<i>financial futures</i>	57.85	60.20	67.57	100.79	181.86
<i>financial options</i>	2,535.21	2,414.42	2,709.84	2,766.47	2,920.99
<i>commodity futures</i> <sup>2</sup>	0	0	0.00	0.02	0.02

<sup>1</sup> The Korea exchange does not collect data for the number of transactions or settlements, but can offer data for the volume of transactions or settlements instead. <sup>2</sup> Gold and lean hog.

Source: Korea Exchange.

**Table 18****Value of executed trades***(KRW trillions, total for the year)*

	2005	2006	2007	2008	2009
<b>Korea Exchange</b>					
Total value of executed securities trades	1,596.4	1,569.6	2,215.0	1,970.1	2,507.4
debt securities	363.8	293.6	351.4	374.0	510.2
<i>short-term paper</i>	nav	nav	nav	nav	nav
<i>bonds</i>	nav	nav	nav	nav	nav
equity	1,232.6	1,276.0	1,863.6	1,596.1	1,997.2
Total value of executed derivatives trades	4,559.78	5,491.19	7,237.72	8,621.47	10,828.69
<i>financial futures</i>	4,418.95	5,346.65	7,019.34	8,334.13	10,571.98
<i>financial options</i>	140.83	144.53	218.37	287.23	256.58
<i>commodity futures</i> <sup>1</sup>	0	0	0.01	0.11	0.13

<sup>1</sup> Gold and lean hog.

Source: Korea Exchange.

**Table 19****Number of clearing members***(end of year)*

	2005	2006	2007	2008	2009
<b>Korea Exchange</b>					
Total number of clearing members	nav	85	86	93	91
<i>banks</i>	nav	24	24	24	24
<i>other</i>	nav	61	62	69	67
Number of domestic clearing members	nav	85	86	93	91
<i>banks</i>	nav	24	24	24	24
<i>other</i>	nav	61	62	69	67
Number of foreign clearing members	nap	nap	nap	nap	nap

Source: Korea Exchange.

**Table 20****Number of contracts and transactions cleared***(total for the year)*

	2005	2006	2007	2008	2009
<b>Korea Exchange</b>					
Total number of contracts and transactions cleared <sup>1</sup>	nav	nav	nav	nav	nav

<sup>1</sup> The Korea Exchange does not collect data for the number of transactions or settlements, but can offer data for the volume of transactions or settlements instead.

Sources: Korea Exchange; Korea Securities Depository.

**Table 21****Value of contracts and transactions cleared***(KRW trillions, total for the year)*

	2005	2006	2007	2008	2009
<b>Korea Exchange</b>					
Total value of contracts and transactions cleared <sup>1</sup>	2,970.6	2,849.4	2,934.8	3,284.6	4,492.2
Value of securities transactions cleared	2,970.6	2,834.0	2,911.3	3,251.1	4,462.8
debt securities	2,633.8	2,392.1	2,301.4	2,603.5	3,850.7
<i>bonds</i>	1,183.1	1,107.6	1,055.7	1,355.6	1,760.6
<i>government bonds</i>	1,450.7	1,284.4	1,245.7	1,247.9	2,090.1
equity	330.9	425.6	583.0	616.3	576.6
other	5.9	16.3	26.8	31.3	35.5
<i>of which: value of repurchase transactions cleared</i>	nav	nav	nav	nav	nav
Value of exchange-traded derivatives contracts cleared <sup>1</sup>	nav	15	24	34	29
<i>financial futures</i>	nav	10	17	24	22
<i>financial options</i>	nav	5	7	9	7
<i>commodity futures</i>	nav	nav	0	0	0
Value of OTC derivatives contracts cleared	nav	nav	nav	nav	nav

<sup>1</sup> Sum of available data.

Sources: Korea Exchange; Korea Securities Depository.

**Table 22**  
**Number of direct participants in CSDs**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>Korea Securities Depository</b>					
Total number of participants	nav	nav	nav	nav	nav

Source: Korea Securities Depository.

**Table 23**  
**Number of securities held on accounts at CSDs**  
*(thousands, end of year)*

	2005	2006	2007	2008	2009
<b>Korea Securities Depository</b>					
Total number of securities held <sup>1</sup>	15.94	17.74	21.09	25.79	30.21
debt securities	8.85	8.86	9.72	11.12	12.57
<i>short-term paper</i>	1.09	0.98	0.96	1.06	0.85
<i>bonds</i>	7.76	7.88	8.76	10.06	11.72
equity	2.92	3.03	3.16	3.27	3.36
other	4.16	5.85	8.21	11.40	14.27

<sup>1</sup> Sum of available data.

Source: Korea Securities Depository.

**Table 24**  
**Value of securities held on accounts at CSDs**  
*(KRW trillions, end of year)*

	2005	2006	2007	2008	2009
<b>Korea Securities Depository</b>					
Total value of securities held <sup>1</sup>	1,437.1	1,564.4	1,925.1	1,606.6	2,073.7
debt securities	732.0	804.6	864.4	917.2	1,083.2
<i>short-term paper</i>	654.9	730.4	797.1	848.2	984.7
<i>bonds</i>	77.1	74.2	67.3	69.0	98.5
equity	656.2	697.6	981.2	600.6	912.5
other	48.9	62.2	79.4	88.8	78.0

<sup>1</sup> Sum of available data.

Source: Korea Securities Depository.

**Table 25**  
**Number of delivery instructions processed**  
*(thousands, total for the year)*

	2005	2006	2007	2008	2009
<b>Korea Securities Depository</b>					
Total number of delivery instructions <sup>1</sup>	677.2	5,978.2	6,976.4	7,384.9	7,929.7
DVP	628.5	5,936.2	6,941.0	7,351.9	7,888.6
debt securities	356.0	345.8	326.0	342.6	460.1
<i>short-term paper</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>bonds</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
equity	266.9	5,104.0	5,706.4	5,656.1	6,220.8
other	5.6	486.4	908.6	1,353.2	1,207.7
free of payment	48.8	42.0	35.3	33.1	41.1
debt securities	27.0	22.3	18.6	17.2	21.5
<i>short-term paper</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>bonds</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
equity	0.6	0.5	0.6	0.6	0.5
other	21.1	19.2	16.2	15.3	19.1

<sup>1</sup> Sum of available data.

Source: Korea Securities Depository.

**Table 26**  
**Value of delivery instructions processed**  
*(KRW trillions, total for the year)*

	2005	2006	2007	2008	2009
<b>Korea Securities Depository</b>					
Total value of delivery instructions <sup>1</sup>	2,970.63	2,834.04	2,911.26	3,251.06	4,462.82
DVP <sup>1</sup>	2,673.77	2,598.96	2,710.96	3,032.12	4,152.55
debt securities	2,337.86	2,157.69	2,103.16	2,388.20	3,544.96
<i>short-term paper</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>bonds</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
equity	330.08	424.95	581.20	613.43	573.72
other	5.82	16.32	26.60	30.49	33.87
free of payment	296.86	235.07	200.29	218.95	310.28
debt securities	295.98	234.36	198.26	215.32	305.75
<i>short-term paper</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>bonds</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
equity	0.84	0.69	1.80	2.85	2.90
other	0.04	0.02	0.23	0.79	1.63

<sup>1</sup> Sum of available data.

Source: Korea Securities Depository.



**Table 1**  
**Basic statistical data**

	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>
Population (thousands)	103,263	104,410	105,339	106,243	107,122
GDP (MXN billions)	9,252.0	10,382.0	11,208.0	12,131.0	11,823.0
GDP per capita (MXN)	89,596	99,435	106,399	114,182	110,369
Consumer price inflation (%)	4.0	3.6	4.0	5.1	5.3
Exchange rate (MXN/USD):					
<i>end of year</i>	10.7109	10.8755	10.8662	13.5383	13.0587
<i>average</i>	10.8962	10.9010	10.9271	11.1376	13.5096

**Table 2**  
**Settlement media used by non-banks**  
*(MXN billions, end of year)*

	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>
Notes and coin in circulation outside banks	336.17	389.60	430.08	494.40	537.07
Value of transferable deposits	634.43	726.71	817.12	865.52	936.59
Other	97.90	102.21	102.85	123.00	140.94
Narrow money supply (M1)	1,068.50	1,218.52	1,350.05	1,482.92	1,614.60
<i>Memo:</i>					
Transferable deposits in foreign currencies	97.9	102.21	102.85	123.00	140.94
Outstanding value on e-money storages	nap	nap	nap	nap	nap

**Table 3****Settlement media used by banks***(MXN billions, average for December)*

	2005	2006	2007	2008	2009
Transferable balances held at the central bank	269.46	278.98	278.98	280.00	279.22
<i>required reserves</i>	269.46	278.98	278.98	280.00	279.22
<i>free reserves</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
Transferable balances held at other banks	1.90	1.28	5.71	3.69	5.90
<i>Memo:</i>					
Credit extended by the central bank:					
<i>intraday</i>	261.14	254.95	347.58	309.75	308.68
<i>overnight</i>	0.14	0.15	0.57	0.08	0.39
<i>longer refinancing operations (repos)</i>	<i>nav</i>	23.48	25.69	44.87	27.66

**Table 4****Banknotes and coin***(MXN millions, end of year)*

	2005	2006	2007	2008	2009
Total banknotes and coin issued	380,033.7	449,821.3	494,743.5	577,542.3	631,937.9
Total banknotes issued	362,765.2	430,396.4	473,415.0	554,559.4	607,598.4
<i>MXN 1,000</i>	19,101.0	25,669.0	34,053.0	43,561.0	52,848.0
<i>MXN 500</i>	173,913.5	214,109.0	242,992.0	297,413.0	337,758.0
<i>MXN 200</i>	106,589.4	120,086.4	126,356.0	140,047.0	142,795.2
<i>MXN 100</i>	41,725.9	47,256.0	46,244.1	48,264.5	48,389.1
<i>MXN 50</i>	16,349.3	17,834.6	17,917.7	18,805.7	19,252.4
<i>MXN 20</i>	4,822.4	5,178.3	5,589.7	6,205.9	6,293.4
<i>MXN 10</i>	263.7	263.1	262.6	262.3	262.3
Total coin issued <sup>1</sup>	16,874.1	18,986.2	21,020.2	22,585.7	23,972.6
<i>of which:</i>					
<i>MXN 100</i>	797.4	1,053.2	1,301.2	1,318.0	991.7
<i>MXN 50</i>	91.2	90.6	89.8	89.1	89.0
<i>MXN 20</i>	409.8	352.4	320.6	279.0	271.1
<i>MXN 10</i>	5,294.5	6,021.4	6,702.5	7,271.2	7,895.6
<i>MXN 5</i>	3,862.4	4,349.6	4,779.4	5,176.3	5,742.5
<i>MXN 2</i>	1,569.9	1,786.5	2,006.6	2,187.5	2,309.2
<i>MXN 1</i>	2,637.6	2,926.4	3,216.2	3,494.2	3,740.4
<i>MXN 0.5</i>	988.5	1,090.8	1,197.8	1,285.0	1,363.1
Banknotes and coin held by banks	43,863.1	60,223.3	64,659.8	83,142.7	94,868.2
Banknotes and coin in circulation outside banks	336,170.6	389,598.0	430,083.6	494,399.5	537,069.6

<sup>1</sup> Includes coins with denominated MXN 0.20, 0.10 and 0.05.

**Table 5**  
**Institutions offering payment services to non-banks**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>Central bank</b>					
Number of branches or offices	1	1	1	1	1
Number of accounts, all (thousands)	nav	0.050	0.072	0.078	0.081
Value of accounts, all	0.0	0.0	0.0	0.0	0.0
<b>Banks</b>					
Number of institutions	35	37	46	49	47
Number of branches or offices	8,711	9,092	10,123	10,994	11,385
Number of accounts	nav	nav	52,493.9	82,282.7	87,524.9
<i>of which: number of internet/PC-linked accounts (thousands)</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Value of accounts (MXN billions)	2,046.3	2,023.2	2,260.4	2,658.5	2,757.6
<b>All banks except private banks and branches of foreign banks</b>					
Number of institutions	29	31	40	43	41
Number of branches or offices	7,990	8,411	9,458	10,354	10,736
Value of accounts (MXN billions)	1,520.9	1,620.1	1,891.3	2,226.5	2,272.6
<b>Private banks</b>					
Number of institutions	6	6	6	6	6
Number of branches or offices	721	681	665	640	649
Value of accounts (MXN billions)	525.4	403.1	369.1	431.9	485.0
<b>Branches of foreign banks</b>					
Number of institutions	nap	nap	nap	nap	nap
Number of branches or offices	nap	nap	nap	nap	nap
Value of accounts (MXN billions)	nap	nap	nap	nap	nap
<b>Other institutions offering payment services to non-banks</b>					
Number of institutions	nav	nav	nav	nav	74
Number of branches or offices	nav	nav	nav	nav	2,793
Number of accounts (thousands)	nav	nav	nav	nav	4,478
Value of accounts (MXN billions)	nav	nav	nav	nav	41.1
<b>Telegraph and postal office</b>					
Number of institutions	1.0	1.0	1.0	1.0	1
Number of branches or offices	1,543.0	1,563.0	1,575.0	1,591.0	1,578
Value of accounts (MXN billions)	nap	nap	nap	nap	nap
<b>Credit Unions</b>					
Number of institutions	nav	nav	nav	nav	73.0
Number of branches or offices	nav	nav	nav	nav	1,215.0
Value of accounts (MXN billions)	nav	nav	nav	nav	41.1
<b>Institutions offering payment services to non-banks (total)</b>					
Number of institutions	nav	nav	nav	nav	122
Number of branches or offices	nav	nav	nav	nav	14,179
Number of accounts held by non-banks (thousands)	nav	nav	nav	nav	92,002.7
<i>of which: number of internet/PC-linked accounts</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Value of accounts held by non-banks (MXN billions)	nav	nav	nav	nav	2,798.7
<i>Memo:</i>					
<b>Electronic money institutions</b>					
Number of institutions	nap	nap	nap	nap	nap
Outstanding value on e-money storages issued by e-money institutions (MXN billions)	nap	nap	nap	nap	nap

**Table 6**  
**Payment card functions and accepting devices**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>Cards issued in the country (thousands)</b>					
Cards with a cash function	50,773	72,921	76,695	82,178	82,925
Cards with a debit function	36,072	51,740	51,872	56,936	60,828
Cards with a credit function	14,701	21,181	24,823	25,242	22,097
Cards with an e-money function	nav	nav	nav	nav	nav
Total number of cards (irrespective of the number of functions on the card)	50,773	72,921	76,695	82,178	82,925
<i>of which: cards with a combined debit, cash and e-money function</i>	50,773	72,921	76,695	82,178	82,925
<i>Memo:</i>					
Retailer cards	nav	nav	nav	nav	nav
<b>Terminals located in the country</b>					
ATMs	22,900	25,687	29,333	31,932	33,905
<i>ATMs with a cash withdrawal function</i>	22,900	25,687	29,333	31,932	33,905
<i>ATMs with a credit transfer function</i>	nap	nap	nap	nap	nap
POS terminals	201,852	305,144	418,128	446,025	446,792
<i>EFTPOS terminals</i>	nap	nap	nap	nap	nap
E-money card terminals	nav	nav	nav	nav	nav
<i>e-money card loading/unloading terminals</i>	nav	nav	nav	nav	nav
<i>e-money card payment terminals</i>	nav	nav	nav	nav	nav

**Table 7**  
**Indicators of the use of payment instruments and terminals by non-banks: volume of transactions**  
*(millions, total for the year)*

	2005	2006	2007	2008	2009
<b>Transactions per type of payment instrument</b>					
Credit transfers	348.3	555.1	621.2	705.1	737.1
<i>paper-based</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
<i>non-paper-based</i>	348.3	555.1	621.2	705.1	737.1
Direct debits	30.4	30.3	38.4	41.3	42.1
Card payments with cards issued in the country	438.7	583.1	721.7	812.5	851.2
<i>payments by cards with a debit function</i>	210.5	276.5	356.0	415.9	474.9
<i>payments by cards with a credit function</i>	228.2	306.7	365.8	396.5	376.3
E-money payment transactions	nav	nav	nav	nav	nav
Cheques	569.3	551.5	537.2	500.9	461.3
Other payment instruments	nav	nav	nav	nav	nav
Total number of transactions with payment instruments	1,386.7	1,720.0	1,918.5	2,059.7	2,091.7
<i>of which: cross-border transactions sent</i>	0.4	0.2	1.0	4.3	5.9
<i>Memo:</i>					
Cross-border transactions received	nav	nav	nav	nav	nav
<b>Transactions per type of terminal</b>					
Total transactions at terminals in the country					
Cash transactions	1,086.5	1,130.2	1,226.3	1,301.1	1,308.7
<i>ATM cash withdrawals</i>	1,086.5	1,130.2	1,226.3	1,301.1	1,308.7
<i>ATM cash deposits</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
POS payment transactions	465.1	650.9	788.8	881.5	912.9
E-money card loading/unloading transactions	nav	nav	nav	nav	nav
E-money card payment transactions	nav	nav	nav	nav	nav
a) Transactions at terminals in the country by cards issued in the country					
Cash transactions	1,069.4	1,110.0	1,204.4	1,278.1	1,287.6
<i>ATM cash withdrawals</i>	1,069.4	1,110.0	1,204.4	1,278.1	1,287.6
<i>ATM cash deposits</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
POS payment transactions	412.1	584.2	724.3	813.7	853.9
E-money card loading/unloading transactions	nav	nav	nav	nav	nav
E-money card payment transactions	nav	nav	nav	nav	nav
b) Transactions at terminals in the country by cards issued outside the country					
Cash transactions	13.6	15.2	16.5	17.7	16.7
<i>ATM cash withdrawals</i>	13.6	15.2	16.5	17.7	16.7
<i>ATM cash deposits</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
POS payment transactions	27.2	35.0	26.6	28.1	23.8
E-money card loading/unloading transactions	nav	nav	nav	nav	nav
E-money card payment transactions	nav	nav	nav	nav	nav
c) Transactions at terminals outside the country by cards issued in the country					
Cash transactions	3.5	4.9	5.3	5.4	4.4
<i>ATM cash withdrawals</i>	3.5	4.9	5.3	5.4	4.4
<i>ATM cash deposits</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
POS payment transactions	25.8	31.6	37.9	39.8	35.2
E-money card loading/unloading transactions	nav	nav	nav	nav	nav
E-money card payment transactions	nav	nav	nav	nav	nav

**Table 8**  
**Indicators of the use of payment instruments and terminals by non-banks: value of transactions**  
*(MXN billions, total for the year)*

	2005	2006	2007	2008	2009
<b>Transactions per type of payment instrument</b>					
Credit transfers	42,779.4	71,439.6	71,150.5	96,776.1	187,691.5
<i>paper-based</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
<i>non-paper-based</i>	42,779.4	71,439.6	71,150.5	96,776.1	187,691.5
Direct debits	49.5	94.5	123.6	143.0	140.7
Card payments with cards issued in the country	312.5	377.9	459.3	531.4	582.0
<i>payments by cards with a debit function</i>	104.1	143.3	178.0	209.5	241.4
<i>payments by cards with a credit function</i>	208.4	234.6	281.3	321.9	340.6
E-money payment transactions	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
Cheques	10,712.5	11,384.7	11,811.9	11,546.2	11,062.5
Other payment instruments	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
Total value of transactions with payment instruments	53,853.8	83,296.7	83,545.3	108,996.7	199,476.6
<i>of which: cross-border transactions sent</i>	76.7	112.4	141.0	203.4	248.6
<i>Memo:</i>					
Cross-border transactions received	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<b>Transactions per type of terminal</b>					
Total transactions at terminals in the country					
Cash transactions	1,239.4	1,424.2	1,598.8	1,759.9	1,851.2
<i>ATM cash withdrawals</i>	1,239.4	1,424.2	1,598.8	1,759.9	1,851.2
<i>ATM cash deposits</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
POS payment transactions	324.1	455.2	544.8	632.0	649.2
E-money card loading/unloading transactions	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
E-money card payment transactions	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
a) Transactions at terminals in the country by cards issued in the country					
Cash transactions	1209.0	1386.7	1558.0	1713.6	1801.1
<i>ATM cash withdrawals</i>	1209.0	1386.7	1558.0	1713.6	1801.1
<i>ATM cash deposits</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
POS payment transactions	251.8	377.9	457.8	518.4	543.2
E-money card loading/unloading transactions	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
E-money card payment transactions	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
b) Transactions at terminals in the country by cards issued outside the country					
Cash transactions	24.2	28.3	30.3	35.3	39.6
<i>ATM cash withdrawals</i>	24.2	28.3	30.3	35.3	39.6
<i>ATM cash deposits</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
POS payment transactions	32.8	39.8	39.8	64.6	53.9
E-money card loading/unloading transactions	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
E-money card payment transactions	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
c) Transactions at terminals outside the country by cards issued in the country					
Cash transactions	6.2	9.2	10.4	10.9	10.5
<i>ATM cash withdrawals</i>	6.2	9.2	10.4	10.9	10.5
<i>ATM cash deposits</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
POS payment transactions	39.5	37.5	47.2	49.0	52.1
E-money card loading/unloading transactions	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
E-money card payment transactions	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>

**Table 9**  
**Participation in selected interbank funds transfer systems**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>Large-value payment systems</b>					
<b>SPEI</b>					
Number of participants	34	44	67	77	81
Direct participants	34	44	67	77	81
Banks	33	35	45	48	46
Central bank	1	1	1	1	1
Other direct participants	0	8	21	28	34
<i>Clearing and settlement organisations</i> <sup>1</sup>	0	0	0	2	2
<i>Other financial institutions</i>	0	8	21	26	32
Indirect participants	nap	nap	nap	nap	nap
<b>Retail payment systems</b>					
<b>CECOBAN</b>					
Number of participants	26	24	23	23	26
Direct participants	26	24	23	23	26
Banks	26	24	23	23	26
Indirect participants	nap	nap	nap	nap	nap

<sup>1</sup> CLS and Indeval (the CSD and SSS).

**Table 10****Payments processed by selected interbank funds transfer systems: volume of transactions***(millions, total for the year)*

	2005	2006	2007	2008	2009
<b>Large-value payment systems</b>					
<b>SPEI</b>					
Total transactions sent	5.52	19.13	29.47	41.71	62.21
Concentration ratio in terms of volume (%)	81.5	88.0	83.8	80.4	81.0
<b>Retail payment systems</b>					
<b>CECOBAN</b>					
Total transactions sent	182.4	186.5	184.7	178.8	164.3
<i>credit transfers</i>	16.6	17.6	19.1	22.4	20.8
<i>direct debits</i>	3.1	5.0	6.8	8.4	9.9
<i>cheques</i>	162.7	163.9	158.9	148.1	133.6
Concentration ratio in terms of volume (%)	86.5	85.5	84.9	83.1	82.5

**Table 11****Payments processed by selected interbank funds transfer systems: value of transactions***(MXN billions, total for the year)*

	2005	2006	2007	2008	2009
<b>Large-value payment systems</b>					
<b>SPEI</b>					
Total transactions sent	93,471.9	116,748.8	135,395.0	144,456.7	128,506.1
Concentration ratio in terms of value (%)	77.0	79.3	77.1	72.7	71.4
<b>Retail payment systems</b>					
<b>CECOBAN</b>					
Total transactions sent	3,615.0	4,015.4	4,275.3	4,521.2	3,969.3
<i>credit transfers</i>	629.2	771.9	915.3	1,165.5	848.4
<i>direct debits</i>	8.1	14.0	20.4	26.2	29.5
<i>cheques</i>	2,977.6	3,229.4	3,339.6	3,329.4	3,091.4
Concentration ratio in terms of value (%)	77.1	76.3	75.4	72.6	75.8



**Table 12**  
**Participation in SWIFT by domestic institutions**  
*(end of year)*

	2005	2006	2007	2008	2009
Members	10	12	12	12	13
<i>of which: live</i>	10	12	12	12	13
Sub-members	9	10	10	11	13
<i>of which: live</i>	9	10	10	11	13
Participants	11	10	10	14	14
<i>of which: live</i>	11	10	10	10	13
Total users	30	32	32	37	40
<i>of which: live</i>	30	32	32	33	39
<i>Memo:</i>					
Total SWIFT users	7,888	8,105	8,332	8,830	9,281
<i>members</i>	2,231	2,288	2,276	2,276	2,356
<i>sub-members</i>	3,077	3,120	3,212	3,305	3,306
<i>participants</i>	2,580	2,697	2,844	3,249	3,619

Source: SWIFT.

**Table 13**  
**SWIFT message flows to/from domestic users**  
*(thousands, total for the year)*

	2005	2006	2007	2008	2009
Total messages sent	4,584	5,892	7,001	10,155	11,122
<i>of which:</i>					
<i>category I</i>	1,641	1,916	2,143	2,655	2,332
<i>category II</i>	770	903	914	964	737
Total messages received	5,587	6,509	6,438	7,048	7,017
<i>of which:</i>					
<i>category I</i>	1,959	2,264	2,238	2,638	2,674
<i>category II</i>	1,209	1,704	1,857	1,773	1,390
Domestic traffic	310	404	333	949	1,295
<i>Memo:</i>					
Global SWIFT traffic	2,518,285	2,864,537	3,501,163	3,854,576	3,760,314

Source: SWIFT.

**Table 14**  
**Number of participants in exchanges and trading systems**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>BMV</b>					
Total number of participants	29	31	31	34	34
<i>central bank</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
<i>central counterparties (CCPs)</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
<i>banks</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
<i>other</i>	29	31	31	34	34
Number of domestic participants	29	31	31	34	34
<i>central bank</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
<i>central counterparties (CCPs)</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
<i>banks</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
<i>other</i>	29	31	31	34	34
Number of foreign participants	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
<b>Mexder</b>					
Total number of participants	30	38	43	63	52
<i>banks</i>	5	8	8	19	20
<i>other</i>	25	30	35	44	32
Number of domestic participants	30	36	37	53	38
<i>banks</i>	5	8	8	19	20
<i>other</i>	25	28	29	34	18
Number of foreign participants	0	2	6	10	14
<i>central bank</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
<i>central counterparties (CCPs)</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
<i>banks</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
<i>other</i>	0	2	6	10	14

**Table 15****Number of listed securities***(end of year)*

	2005	2006	2007	2008	2009
<b>BMV</b>					
Total number of listed securities	511	517	542	587	621
debt securities	313	354	389	434	468
<i>short-term paper</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>bonds</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
equity	198	163	153	153	153
<b>Mexder</b>					
Total number of listed securities	nap	nap	nap	nap	nap

**Table 16****Market capitalisation of listed companies***(MXN billions, end of year)*

	2005	2006	2007	2008	2009
<b>BMV</b>					
Total market capitalisation/equity	2,543.77	3,771.50	4,340.89	3,220.90	4,596.09
<b>Mexder</b>					
Total market capitalisation/equity	nap	nap	nap	nap	nap

**Table 17****Number of executed trades***(thousands, total for the year)*

	2005	2006	2007	2008	2009
<b>BMV</b>					
Total number of executed securities trades	1,701.5	2,477.1	3,562.7	4,571.1	7,475.7
debt securities	1.6	0.9	0.7	1.7	2.6
<i>short-term paper</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
<i>bonds</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
equity	1,700.0	2,476.2	3,562.0	4,569.3	7,473.2
Total number of executed derivatives trades	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
<b>Mexder</b>					
Total number of executed securities trades	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
Total number of executed derivatives trades	108,162.4	275,217.7	228,972.0	70,143.7	48,780.7
<i>financial futures</i>	107,989.1	274,651.7	228,841.5	69,506.1	48,394.1
<i>financial options</i>	173.3	566.0	130.5	637.6	386.6

**Table 18****Value of executed trades***(MXN billions, total for the year)*

	2005	2006	2007	2008	2009
<b>BMV</b>					
Total value of executed securities trades	578.73	910.54	1,417.72	1,435.73	1,855.58
debt securities	2.24	4.28	2.95	24.44	378.13
<i>short-term paper</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>bonds</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
equity	576.49	906.25	1,414.77	1,411.29	1,477.44
Total value of executed derivatives trades	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
<b>Mexder</b>					
Total value of executed securities trades	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
Total value of executed derivatives trades	10,767.28	27,443.34	23,032.49	7,301.09	5,170.68
<i>financial futures</i>	10,762.03	27,419.37	22,995.56	7,284.98	5,160.24
<i>financial options</i>	5.26	23.97	36.94	16.11	10.45

**Table 19**  
**Number of clearing members**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>CCV</b>					
Total number of clearing members	23	24	24	25	26
<i>banks</i>	1	1	1	1	1
<i>other</i>	22	23	23	24	25
Number of domestic clearing members	23	24	24	25	26
<i>banks</i>	1	1	1	1	1
<i>other</i>	22	23	23	24	25
Number of foreign clearing members	nap	nap	nap	nap	nap
<b>Asigna</b>					
Total number of clearing members	8	9	9	9	9
<i>central bank</i>	nap	nap	nap	nap	nap
<i>central counterparties (CCPs)</i>	nap	nap	nap	nap	nap
<i>banks</i>	nap	nap	nap	nap	nap
<i>other</i>	8	9	9	9	9
Number of domestic clearing members	8	9	9	9	9
<i>central bank</i>	nap	nap	nap	nap	nap
<i>central counterparties (CCPs)</i>	nap	nap	nap	nap	nap
<i>banks</i>	nap	nap	nap	nap	nap
<i>other</i>	8	9	9	9	9
Number of foreign clearing members	nap	nap	nap	nap	nap

**Table 20**  
**Number of contracts and transactions cleared**  
*(thousands, total for the year)*

	2005	2006	2007	2008	2009
<b>CCV</b>					
Total number of contracts and transactions cleared	2,023.1	2,917.3	4,032.3	5,184.3	8,268.3
Number of securities transactions cleared	2,023.1	2,917.3	4,032.3	5,184.3	8,268.3
equity	2,023.1	2,917.3	4,032.3	5,184.3	8,268.3
<i>of which: number of repurchase transactions cleared</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
Number of exchange-traded derivatives contracts cleared	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
Number of OTC derivatives contracts cleared	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
<b>Asigna</b>					
Total number of contracts and transactions cleared	108,162.4	275,217.7	228,972.0	70,143.7	48,780.7
Number of securities transactions cleared	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
Number of exchange-traded derivatives contracts cleared	108,162.4	275,217.7	228,972.0	70,143.7	48,780.7
<i>financial futures</i>	107,989.1	274,651.7	228,841.5	69,506.1	48,394.1
<i>financial options</i>	173.3	566.0	130.5	637.6	386.6
Number of OTC derivatives contracts cleared	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>

**Table 21****Value of contracts and transactions cleared***(MXN billions, total for the year)*

	2005	2006	2007	2008	2009
<b>CCV</b>					
Total value of contracts and transactions cleared	646.8	1,079.5	1,574.6	1,772.4	1,742.2
Value of securities transactions cleared	646.8	1,079.5	1,574.6	1,772.4	1,742.2
equity	646.8	1,079.5	1,574.6	1,772.4	1,742.2
<i>of which: value of repurchase transactions cleared</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
Value of exchange-traded derivatives contracts cleared	nap	nap	nap	nap	nap
Value of OTC derivatives contracts cleared	nap	nap	nap	nap	nap
<b>Asigna</b>					
Total value of contracts and transactions cleared	10,762.3	27,420.4	22,997.2	7,286.1	5,160.9
Value of securities transactions cleared	nap	nap	nap	nap	nap
Value of exchange-traded derivatives contracts cleared	10,762.3	27,420.4	22,997.2	7,286.1	5,160.9
<i>financial futures</i>	<i>10,762.0</i>	<i>27,419.4</i>	<i>22,995.6</i>	<i>7,285.0</i>	<i>5,160.2</i>
<i>financial options</i>	<i>0.2</i>	<i>1.0</i>	<i>1.6</i>	<i>1.2</i>	<i>0.7</i>
Value of OTC derivatives contracts cleared	nap	nap	nap	nap	nap

**Table 22**  
**Number of direct participants in CSDs**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>Indeval</b>					
Total number of participants	174	175	174	109	110
<i>central bank</i>	1	1	1	1	1
<i>central counterparties (CCPs)</i>	1	1	1	1	1
<i>central securities depositories</i>	0	0	0	1	1
<i>banks</i>	75	75	81	56	56
<i>other</i>	97	98	91	50	51
Number of domestic participants	155	156	155	106	106
<i>central bank</i>	1	1	1	1	1
<i>central counterparties (CCPs)</i>	1	1	1	1	1
<i>banks</i>	56	56	62	54	53
<i>other</i>	97	98	91	50	51
Number of foreign participants	19	19	19	3	4
<i>central securities depositories</i>	0	0	0	1	1
<i>banks</i>	19	19	19	2	3

**Table 23**  
**Number of securities held on accounts at CSDs**  
*(thousands, end of year)*

	2005	2006	2007	2008	2009
<b>Indeval</b>					
Total number of securities held	4.3	4.8	5.5	6.5	6.8
debt securities	1.7	1.9	2.3	2.2	2.1
<i>short-term paper</i>	0.7	0.8	0.9	0.8	0.7
<i>bonds</i>	1.0	1.1	1.4	1.4	1.4
equity	2.6	2.9	3.2	4.3	4.7

**Table 24**  
**Value of securities held on accounts at CSDs**  
*(MXN billions, end of year)*

	2005	2006	2007	2008	2009
<b>Indeval</b>					
Total value of securities held	6,450.0	8,210.0	9,277.8	9,130.3	11,702.0
debt securities	2,919.7	3,408.1	3,852.5	4,289.6	4,908.2
<i>short-term paper</i>	639.1	748.3	784.5	893.6	983.9
<i>bonds</i>	2,280.6	2,659.8	3,068.0	3,396.0	3,924.3
equity	3,530.3	4,801.9	5,425.4	4,840.7	6,793.8



**Table 25****Number of delivery instructions processed***(thousands, total for the year)*

	2005	2006	2007	2008	2009
<b>Indeval</b>					
Total number of delivery instructions	3,085	3,589	4,133	4,090	3,871
DVP	1,482	1,654	1,896	1,857	1,775
debt securities	1,296	1,390	1,560	1,507	1,417
<i>short-term paper</i>	265	264	278	223	218
<i>bonds</i>	1,031	1,126	1,282	1,284	1,199
equity	186	264	336	350	357
free of payment	1,603	1,935	2,236	2,233	2,097
debt securities	705	851	1,079	1,197	922
<i>short-term paper</i>	174	192	235	219	179
<i>bonds</i>	531	659	844	978	744
equity	898	1,085	1,157	1,036	1,174

**Table 26****Value of delivery instructions processed***(MXN billions, total for the year)*

	2005	2006	2007	2008	2009
<b>Indeval<sup>1</sup></b>					
Total value of delivery instructions	602,687.2	670,432.0	805,781.0	854,029.5	892,440.9
DVP	381,956.7	394,607.3	466,807.3	499,941.9	558,462.2
debt securities	381,456.5	393,717.6	465,323.8	498,284.6	556,723.1
<i>short-term paper</i>	68,088.5	65,038.5	76,949.4	61,884.0	78,405.6
<i>bonds</i>	313,368.0	328,679.1	388,374.4	436,400.7	478,317.6
equity	500.2	889.7	1,483.5	1,657.2	1,739.1
free of payment	220,730.5	275,824.7	338,973.7	354,087.6	333,978.7
debt securities	217,251.7	270,050.6	329,377.6	339,909.2	323,687.4
<i>short-term paper</i>	37,994.4	48,269.6	55,359.2	59,042.6	80,033.0
<i>bonds</i>	179,257.3	221,781.0	274,018.4	280,866.6	243,654.4
equity	3,478.8	5,774.0	9,596.1	14,178.4	10,291.3

<sup>1</sup> Market value.



**Table 1**  
**Basic statistical data**

	2005	2006	2007	2008	2009
Population (thousands) <sup>1</sup>	16,317	16,341	16,405	16,486	16,575
GDP (EUR billions)	513.4	540.2	571.8	596.2	572.0
GDP per capita (EUR)	31,465	33,059	34,854	36,166	34,509
Consumer price inflation (%) <sup>1</sup>	1.5	1.7	1.6	2.2	1.0
Exchange rate (EUR/USD):					
<i>end of year</i>	0.8477	0.7593	0.6793	0.7185	0.6942
<i>average</i>	0.8051	0.7972	0.7308	0.6835	0.7190

<sup>1</sup> Yearly average.**Table 2**  
**Settlement media used by non-banks**  
(EUR billions, end of year)

	2005	2006	2007	2008	2009
Notes and coin in circulation outside banks <sup>1</sup>	nap	nap	nap	nap	nap
Value of transferable deposits	195.35	234.17	253.91	251.00	nav
Narrow money supply (M1) <sup>1, 2</sup>	nap	nap	nap	nap	nap
<i>Memo:</i>					
Transferable deposits in foreign currencies	nap	nap	nap	nap	nap
Outstanding value on e-money storages	0.08	0.09	0.10	0.09	nav
<i>on card-based products</i>	0.08	0.09	0.10	0.09	nav
<i>on software- or network-based products</i>	nap	nap	nap	nap	nap

<sup>1</sup> From 2002, due to banknote migration, data are available only at an aggregated euro area level (see Euro area, Table 2).<sup>2</sup> Currency in circulation excluding government cash plus transferable deposits in all currencies.**Table 3**  
**Settlement media used by banks**  
(EUR billions, average for December)

	2005	2006	2007	2008	2009
Transferable balances held at the central bank <sup>1</sup>	15.48	18.97	20.88	22.89	nav
<i>required reserves</i>	15.43	18.06	20.85	22.43	nav
<i>free reserves</i>	0.05	0.91	0.03	0.46	nav
Transferable balances held at other banks <sup>2</sup>	31.21	43.10	44.46	29.89	nav
<i>Memo:</i>					
Credit extended by the central bank:					
<i>intraday</i>	20.05	22.82	30.60	11.69	nav
<i>overnight</i> <sup>3</sup>	16.05	19.29	0.00	0	nav
<i>longer-term refinancing operations</i> <sup>4</sup>	16.05	19.28	35.71	44.98	nav

<sup>1</sup> Average for the last required reserve period of the year. <sup>2</sup> At end of year. <sup>3</sup> Marginal lending facility. <sup>4</sup> other monetary policy operations vis-à-vis the Eurosystem.**Table 4**  
**Banknotes and coin<sup>1</sup>**<sup>1</sup> Following the introduction of the euro on 1 January 1999, these figures are provided solely at an aggregated euro area level (see Euro area, Table 4).

**Table 5**  
**Institutions offering payment services to non-banks**  
 (end of year)

	2005	2006	2007	2008	2009
<b>Central bank</b>					
Number of branches or offices	4	4	4	4	nav
Number of accounts (thousands)	0.04	0.03	0.03	nav	nav
Value of accounts (EUR billions)	0.02	0.01	0.01	nav	nav
<i>Memo:</i>					
Number of accounts, banks (thousands)	0.18	0.15	0.13	nav	nav
<b>Banks</b>					
Number of institutions	421	345	322	295	nav
Number of branches or offices	3,390	3,405	3,549	3,474	nav
Number of accounts (thousands)	23,574	23,473	23,746	23,825	nav
<i>of which: number of internet/PC-linked accounts</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Value of accounts (EUR billions)	192.82	231.50	238.53	251.02	nav
<b>Credit institutions legally incorporated in the reporting country</b>					
Number of institutions	396	313	282	256	nav
Number of branches or offices	3,341	3,356	3,495	3,421	nav
Value of accounts (EUR billions)	191.83	230.30	237.31	249.74	nav
<b>Branches of euro area-based credit institutions</b>					
Number of institutions	15	23	23	22	nav
Number of branches or offices	32	32	33	33	nav
Value of accounts (EUR billions)	0.51	0.61	0.62	0.65	nav
<b>Branches of EEA-based credit institutions (outside the euro area)</b>					
Number of institutions	7	7	11	9	nav
Number of branches or offices	11	12	16	15	nav
Value of accounts (EUR billions)	0.23	0.28	0.29	0.30	nav
<b>Branches of non-EEA based banks</b>					
Number of institutions	3	2	6	6	nav
Number of branches or offices	6	5	6	6	nav
Value of accounts (EUR billions)	0.25	0.31	0.31	0.33	nav
<b>Other institutions offering payment services to non-banks<sup>1</sup></b>					
Number of institutions	28	25	32	29	nav
Number of branches or offices	68	69	71	193	nav
Number of accounts	nap	nap	nap	nap	nap
Value of accounts	nap	nap	nap	nap	nap
<b>Institutions offering payment services to non-banks (total)</b>					
Number of institutions	450	371	355	325	nav
Number of branches or offices	3,462	3,478	3,624	3,671	nav
Number of accounts held by non-banks (thousands)	23,574	23,473	23,746	23,825	nav
<i>of which: number of internet/PC-linked accounts</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
Value of accounts held by non-banks (EUR billions)	192.85	231.51	238.53	251.05	nav
<i>Memo:</i>					
<b>Electronic money institutions</b>					
Number of institutions	2	3	6	6	nav
Outstanding value on e-money storages issued by e-money institutions	nav	nav	nav	nav	nav

<sup>1</sup> Money transfer institutions.

**Table 6**  
**Payment card functions and accepting devices**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>Cards issued in the country (thousands)</b>					
Cards with a cash function	31,453	31,720	31,356	30,934	30,199
Cards with a debit function	25,405	25,480	25,329	25,211	24,391
Cards with a delayed debit function	nap	nap	nap	nap	nap
Cards with a credit and delayed debit function	nap	nap	nap	nap	nap
Cards with an e-money function <sup>1</sup>	17,533	18,203	18,132	18,250	24,066
<i>of which: cards with an e-money function which have been loaded at least once</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
Total number of cards (irrespective of the number of functions on the card) <sup>1</sup>					
<i>of which: cards with a combined debit, cash and e-money function<sup>1</sup></i>	31,453	31,720	31,356	30,934	30,199
	17,533	18,203	18,132	18,250	24,066
<i>Memo:</i>					
Retailer cards	nap	nap	nap	nap	nap
<b>Terminals located in the country</b>					
ATMs	7,446	8,114	8,546	8,654	8,506
<i>ATMs with a cash withdrawal function</i>	<i>7,446</i>	<i>8,114</i>	<i>8,546</i>	<i>8,654</i>	<i>8,506</i>
<i>ATMs with a credit transfer function</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>0</i>
POS terminals	252,224	265,779	306,264	316,182	340,160
<i>of which: EFTPOS terminals</i>	<i>234,958</i>	<i>246,627</i>	<i>273,062</i>	<i>285,686</i>	<i>307,716</i>
E-money card terminals	158,865	160,838	206,525	212,652	196,450
<i>e-money card loading/unloading terminals</i>	<i>4,054</i>	<i>4,154</i>	<i>4,192</i>	<i>4,187</i>	<i>4,134</i>
<i>e-money card payment terminals</i>	<i>154,811</i>	<i>156,684</i>	<i>202,333</i>	<i>208,465</i>	<i>192,316</i>
<sup>1</sup> Excluding e-purse-only cards.					

**Table 7**  
**Indicators of the use of payment instruments and terminals by non-banks: volume of transactions**  
(millions, total for the year)

	2005	2006	2007	2008	2009
<b>Transactions per type of payment instrument</b>					
Credit transfers <sup>1</sup>	1,262.70	1,366.13	1,416.17	1,479.67	1,496.87
<i>paper-based</i>	232.04	187.96	159.50	143.22	123.65
<i>non-paper-based</i>	1,030.67	1,178.17	1,256.67	1,336.44	1,373.22
Direct debits	1,059.35	1,139.06	1,176.94	1,225.54	1,272.13
Card payments with cards issued in the country	1,418.91	1,548.95	1,695.06	1,874.11	2,067.71
<i>payments by cards with a debit function</i>	1,345.16	1,465.72	1,606.53	1,779.87	1,978.12
<i>payments by cards with a credit and delayed debit function</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
E-money payment transactions	146.93	164.65	174.83	176.12	177.05
<i>by cards with an e-money function</i>	146.93	164.65	174.83	176.12	177.05
<i>through other e-money storages</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
Cheques	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
Other payment instruments	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
Total number of transactions with payment instruments	3,887.88	4,218.79	4,463.01	4,755.44	5,013.76
<i>of which: cross-border transactions sent</i>	68.71	81.53	90.09	100.23	103.22
<i>Memo:</i>					
Cross-border transactions received	26.78	41.94	43.35	46.34	50.00
<b>Transactions per type of terminal</b>					
Total transactions at terminals in the country					
Cash transactions	2,050.46	2,209.10	2,373.15	2,571.47	2,565.48
<i>ATM cash withdrawals</i>	482.40	494.46	493.31	507.39	504.95
<i>ATM cash deposits</i>	9.93	10.32	10.88	12.34	14.35
POS payment transactions	1,536.90	1,681.02	1,843.88	2,026.09	2,019.04
E-money card loading/unloading transactions	21.23	23.31	25.08	25.66	27.14
E-money card payment transactions					
a) Transactions at terminals in the country by cards issued in the country					
Cash transactions	2,021.45	2,174.71	2,325.35	2,508.54	2,476.47
<i>ATM cash withdrawals</i>	468.66	480.16	474.91	478.39	454.97
<i>ATM cash deposits</i>	9.93	10.32	10.88	12.34	14.35
POS payment transactions	1,521.63	1,660.93	1,814.48	1,992.16	1,980.00
E-money card loading/unloading transactions	21.23	23.31	25.08	25.66	27.14
E-money card payment transactions	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
b) Transactions at terminals in the country by cards issued outside the country					
Cash transactions	29.01	34.39	47.80	62.94	89.02
<i>ATM cash withdrawals</i>	13.74	14.30	18.40	29.01	49.98
<i>ATM cash deposits</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
POS payment transactions	15.27	20.09	29.40	33.93	39.04
E-money card loading/unloading transactions	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
E-money card payment transactions	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
c) Transactions at terminals outside the country by cards issued in the country					
Cash transactions	84.91	98.15	108.19	122.03	128.28
<i>ATM cash withdrawals</i>	29.11	31.04	34.74	40.21	40.57
<i>ATM cash deposits</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
POS payment transactions	55.80	67.11	73.45	81.82	87.71
E-money card loading/unloading transactions	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
E-money card payment transactions	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>

<sup>1</sup> Does not include cross-border payments above EUR 1 million, assumed to be related to corporate treasury operations. Does not include customer (corporate) payments directly settled in TOP.

**Table 8**  
**Indicators of the use of payment instruments and terminals: value of transactions**  
*(EUR billions, total for the year)*

	2005	2006	2007	2008	2009
<b>Transactions per type of payment instrument</b>					
Credit transfers <sup>1</sup>	5,240.83	5,745.39	5,916.27	5,803.08	5,424.49
<i>paper-based</i>	228.37	227.07	222.10	209.18	168.84
<i>non-paper-based</i>	5,012.46	5,518.31	5,694.16	5,593.90	5,255.64
Direct debits	231.01	254.31	270.39	300.52	277.67
Card payments with cards issued in the country	68.41	74.69	80.52	87.14	87.63
<i>payments by cards with a debit function</i>	60.54	65.45	70.76	76.28	77.90
<i>payments by cards with a credit and delayed debit function</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
E-money payment transactions	0.40	0.44	0.48	0.48	0.48
<i>by cards with an e-money function</i>	0.40	0.44	0.48	0.48	0.48
<i>through other e-money storages</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
Cheques	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
Other payment instruments	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
Total value of transactions with payment instruments	5,540.65	6,074.83	6,267.66	6,191.22	5,790.27
<i>of which: cross-border transactions sent</i>	234.18	252.75	281.62	302.14	270.60
<i>Memo:</i>					
Cross-border transactions received	244.81	259.19	273.82	291.60	259.54
<b>Transactions per type of terminal</b>					
Total transactions at terminals in the country					
Cash transactions	130.10	136.96	145.83	154.74	156.75
<i>ATM cash withdrawals</i>	56.37	57.40	57.97	58.93	59.32
<i>ATM cash deposits</i>	7.09	7.37	9.17	11.01	13.61
POS payment transactions	66.20	71.71	78.18	84.30	83.31
E-money card loading/unloading transactions	0.43	0.47	0.51	0.50	0.52
E-money card payment transactions					
a) Transactions at terminals in the country by cards issued in the country					
Cash transactions	126.76	132.94	140.61	148.08	147.80
<i>ATM cash withdrawals</i>	54.80	55.71	55.88	55.52	53.84
<i>ATM cash deposits</i>	7.09	7.37	9.17	11.01	13.61
POS payment transactions	64.44	69.39	75.05	81.05	79.83
E-money card loading/unloading transactions	0.43	0.47	0.51	0.50	0.52
E-money card payment transactions	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
b) Transactions at terminals in the country by cards issued outside the country					
Cash transactions	3.34	4.01	5.22	6.66	8.96
<i>ATM cash withdrawals</i>	1.58	1.69	2.09	3.41	5.48
<i>ATM cash deposits</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
POS payment transactions	1.76	2.33	3.13	3.25	3.47
E-money card loading/unloading transactions	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
E-money card payment transactions	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
c) Transactions at terminals outside the country by cards issued in the country					
Cash transactions	10.06	11.81	13.36	15.07	14.06
<i>ATM cash withdrawals</i>	4.70	4.83	6.20	6.88	6.26
<i>ATM cash deposits</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
POS payment transactions	5.36	6.98	7.16	8.19	7.80
E-money card loading/unloading transactions	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
E-money card payment transactions	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>

<sup>1</sup> Does not include cross-border payments above EUR 1 million, assumed to be related to corporate treasury operations. Does not include customer (corporate) payments directly settled in TOP.

**Table 9**  
**Participation in selected interbank funds transfer systems**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>Large-value payment systems</b>					
<b>TOP (TARGET component)</b>					
Number of participants	155	148	132	0	103
Direct participants	102	99	90	0	61
Banks	97	94	85	0	55
Central bank	1	1	1	0	1
Other direct participants	4	4	4	0	5
<i>General government</i>	1	1	1	0	2
<i>Clearing and settlement organisations</i>	3	3	3	0	3
<i>Other financial institutions</i>	0	0	0	0	0
Indirect participants	53	49	42	0	42
<b>Retail payment systems</b>					
<b>Equens</b>					
Number of participants	68	61	57	56	53
Direct participants	68	61	57	56	53
Banks	67	60	56	55	52
Central bank	1	1	1	1	1



**Table 10**  
**Payments processed by selected interbank funds transfer systems: volume of transactions**  
*(millions, total for the year)*

	2005	2006	2007	2008	2009
<b>Large-value payment systems</b>					
<b>TOP (TARGET component)</b>					
Credit transfers sent	4.70	4.77	7.26	9.25	9.39
<i>credit transfers sent within TOP</i>	3.91	3.92	6.31	6.44	5.66
<i>credit transfers sent to another TARGET component</i>	0.79	0.86	0.95	2.80	3.72
<i>Memo:</i>					
Credit transfers received from another TARGET component	1.23	1.29	1.30	2.10	2.50
Concentration ratio in terms of volume (%)	59.5	58.2	62.1	59.2	64.2
<b>Retail payment systems</b>					
<b>Equens</b>					
Total national transactions sent	3,272.06	3,530.42	3,802.58	4,039.81	4,258.81
Credit transfers	850.34	917.65	953.33	999.70	987.68
<i>paper-based credit transfers</i>	151.69	136.49	138.45	143.32	138.36
<i>non-paper-based credit transfers</i>	698.65	781.16	814.88	856.38	849.31
Direct debits	938.92	979.06	1,022.80	1,044.13	1,081.78
Card payments	1,295.29	1,436.59	1,617.94	1,779.72	1,973.89
ATM transactions	187.52	197.12	208.50	216.26	215.46
E-money transactions	nap	nap	nap	nap	nap
Cheques	0	0	0	0	0
Other payment instruments	nap	nap	nap	nap	nap
Concentration ratio in terms of volume (%)	95.8	97.0	97.3	97.4	97.4

**Table 11****Payments processed by selected interbank funds transfer systems: value of transactions***(EUR billions, total for the year)*

	2005	2006	2007	2008	2009
<b>Large-value payment systems</b>					
<b>TOP (TARGET component)</b>					
Credit transfers sent	30,695.39	32,002.77	39,047.36	58,885.40	63,867.77
<i>credit transfers sent within TOP</i>	15,905.52	15,914.20	19,886.97	39,585.34	44,170.74
<i>credit transfers sent to another TARGET component</i>	14,789.87	16,088.57	19,160.39	19,300.07	19,512.28
<i>Memo:</i>					
Credit transfers received from another TARGET component	14,792.49	16,099.48	19,128.52	18,789.63	21,869.34
Concentration ratio in terms of value (%)	73.9	72.8	72.2	42.3	50.6
<b>Retail payment systems</b>					
<b>Equens</b>					
Total national transactions sent	1,942.57	2,119.50	2,057.22	2,013.84	1,954.30
Credit transfers	1,650.10	1,799.34	1,710.72	1,633.32	1,599.00
<i>paper-based credit transfers</i>	39.44	41.03	45.92	53.91	54.61
<i>non-paper-based credit transfers</i>	1,610.66	1,758.31	1,664.79	1,579.41	1,544.39
Direct debits	216.36	237.61	255.79	283.92	257.34
Card payments	58.60	64.22	71.17	76.13	77.63
ATM transactions	17.51	18.33	19.53	20.46	20.34
E-money transactions	nap	nap	nap	nap	nap
Cheques	0	0	0	0	0
Other payment instruments	nap	nap	nap	nap	nap
Concentration ratio in terms of value (%)	95.2	95.2	94.9	94.2	93.5

**Table 12**  
**Participation in SWIFT by domestic institutions**  
*(end of year)*

	2005	2006	2007	2008	2009
Members	22	23	23	24	25
<i>of which: live</i>	22	23	23	24	25
Sub-members	44	41	42	41	38
<i>of which: live</i>	44	41	40	41	37
Participants	36	38	38	40	43
<i>of which: live</i>	28	30	32	36	42
Total users	102	102	103	105	106
<i>of which: live</i>	94	94	95	101	104
<i>Memo:</i>					
Total SWIFT users	7,888	8,105	8,332	8,830	9,281
<i>members</i>	2,231	2,288	2,276	2,276	2,356
<i>sub-members</i>	3,077	3,120	3,212	3,305	3,306
<i>participants</i>	2,580	2,697	2,844	3,249	3,619

Source: SWIFT.

**Table 13**  
**SWIFT message flows to/from domestic users**  
*(thousands, total for the year)*

	2005	2006	2007	2008	2009
Total messages sent	92,994	101,974	132,867	130,029	134,047
<i>of which:</i>					
<i>category I</i>	18,052	19,032	27,456	24,786	23,563
<i>category II</i>	11,555	11,995	13,688	9,437	7,742
Total messages received	96,731	111,103	147,765	156,204	173,110
<i>of which:</i>					
<i>category I</i>	14,274	14,283	21,982	18,360	17,424
<i>category II</i>	9,132	9,380	11,176	6,010	4,394
Domestic traffic	33,212	35,451	49,493	36,288	50,711
<i>Memo:</i>					
Global SWIFT traffic	2,518,285	2,864,537	3,501,163	3,854,576	3,760,314

Source: SWIFT.

**Table 14**  
**Number of participants in exchanges and trading systems**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>Euronext Amsterdam Stock Market</b>					
Total number of participants	156	185	216	nap	nap
<i>central bank</i>	0	nap	nap	nap	nap
<i>central counterparties (CCPs)</i>	0	nap	nap	nap	nap
<i>banks</i>	65	nap	nap	nap	nap
<i>other</i>	nav	nap	nap	nap	nap
Number of domestic participants	54	nap	nap	nap	nap
<i>central bank</i>	0	nap	nap	nap	nap
<i>central counterparties (CCPs)</i>	0	nap	nap	nap	nap
<i>banks</i>	28	nap	nap	nap	nap
<i>other</i>	26	nap	nap	nap	nap
Number of foreign participants	102	nap	nap	nap	nap
<i>central bank</i>	0	nap	nap	nap	nap
<i>central counterparties (CCPs)</i>	0	nap	nap	nap	nap
<i>banks</i>	37	nap	nap	nap	nap
<i>other</i>	65	nap	nap	nap	nap

**Table 15**  
**Number of listed securities**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>Euronext Amsterdam Stock Market</b>					
Total number of listed securities	2,793	4,078	5,273	6,058	6,820
debt securities	1,513	1,565	1,566	1,465	1,418
<i>short-term paper</i>	nav	nap	nap	nap	nap
<i>bonds</i>	nav	nap	nap	nap	nap
equity	237	485	458	414	362
other	1,043	2,028	3,249	4,179	5,040

**Table 16**  
**Market capitalisation of listed companies**  
*(EUR billions, end of year)*

	2005	2006	2007	2008	2009
<b>Euronext Amsterdam Stock Market</b>					
Total market capitalisation/equity	502.61	591.32	654.13	279.06	389.84

**Table 17****Number of executed trades***(thousands, total for the year)*

	2005	2006	2007	2008	2009
<b>Euronext Amsterdam Stock Market</b>					
Total number of executed securities trades	19,378	26,702	39,200	45,642	44,155
debt securities	225	234	260	233	303
<i>short-term paper</i>	<i>nav</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
<i>bonds</i>	<i>nav</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
equity	18,748	25,167	37,124	43,562	41,277
other	203	1,301	1,816	1,848	2,575
Total number of executed derivatives trades	<i>nav</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	15,346.0

**Table 18****Value of executed trades***(EUR billions, total for the year)*

	2005	2006	2007	2008	2009
<b>Euronext Amsterdam Stock Market</b>					
Total value of executed securities trades	575.37	966.60	1,414.55	829.28	452.14
debt securities	10.34	68.58	69.16	31.90	13.70
<i>short-term paper</i>	<i>nav</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
<i>bonds</i>	<i>nav</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
equity	558.69	873.23	1,314.64	771.42	414.09
other	6.34	24.78	30.75	25.97	24.35
Total value of executed derivatives trades	<i>nav</i>	2,437.85	3,134.21	2,219.06	1,369.21
<i>financial futures</i>	570.29	1,029.90	1,336.72	964.28	569.53
<i>financial options</i>	1,099.38	1,407.89	1,797.49	1,254.78	799.68
<i>commodity futures</i>	<i>nav</i>	0.068	0.000	0	<i>nav</i>
<i>commodity options</i>	<i>nav</i>	0.001	0.000	0	<i>nav</i>

**Table 19****Number of clearing members**

	2005	2006	2007	2008	2009
<b>LCH.Clearnet SA</b>					
Total number of clearing members <sup>1</sup>	nav	nav	nav	nav	nav

<sup>1</sup> See France, Table 19.**Table 20****Number of contracts and transactions cleared***(thousands, total for the year)*

	2005	2006	2007	2008	2009
<b>LCH Clearnet SA</b>					
Total number of contracts and transactions cleared	nav	310,783.0	398,324.0	403,946	335,316
Number of securities transactions cleared equity	nav	53,048.0	78,010.0	90,503	87,805
	nav	53,048.0	78,010.0	90,503	87,805
<i>of which: number of repurchase transactions cleared</i>	<i>nav</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
Number of exchange-traded derivatives contracts cleared	nav	257,735.0	320,314.0	313,443	247,511
<i>financial futures</i>	<i>nav</i>	<i>22,998.0</i>	<i>26,375.0</i>	<i>24,969</i>	<i>20,991</i>
<i>financial options</i>	<i>nav</i>	<i>234,737.0</i>	<i>293,939.0</i>	<i>288,474</i>	<i>226,520</i>
Number of OTC derivatives contracts cleared	nav	nap	nap	nap	nap

**Table 21****Value of contracts and transactions cleared***(EUR billions, total for the year)*

	2005	2006	2007	2008	2009
<b>LCH Clearnet SA</b>					
Total value of contracts and transactions cleared	nav	3,628.6	5,087.4	6,292.78	3,604.28
Value of securities transactions cleared equity	nav	1,506.6	2,336.0	1,558.40	864.34
	nav	1,506.6	2,336.0	1,558.40	864.34
<i>of which: value of repurchase transactions cleared</i>	<i>nav</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
Value of exchange-traded derivatives contracts cleared	nav	2,122.0	2,751.4	4,734.38	2,739.94
<i>financial futures</i>	<i>nav</i>	<i>2,060.1</i>	<i>2,674.3</i>	<i>1,931.14</i>	<i>1,137.66</i>
<i>financial options</i>	<i>nav</i>	<i>61.9</i>	<i>77.1</i>	<i>2,803.23</i>	<i>1,602.28</i>
Value of OTC derivatives contracts cleared	nav	nap	nap	nap	nap

**Table 22**  
**Number of direct participants in CSDs**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>Euroclear Netherlands</b>					
Total number of participants	57	58	59	54	74
<i>central bank</i>	1	1	1	1	1
<i>central counterparties (CCPs)</i>	1	1	2	0	1
<i>central securities depositories</i>	13	13	13	13	2
<i>banks</i>	42	43	43	40	28
Number of domestic participants	39	38	39	35	17
<i>central bank</i>	1	1	1	1	1
<i>central counterparties (CCPs)</i>	1	1	2	0	0
<i>banks</i>	37	36	36	34	2
Number of foreign participants	18	20	20	19	57
<i>central securities depositories</i>	13	13	13	13	2
<i>banks</i>	5	7	7	6	26

**Table 23**  
**Number of securities held on accounts at CSDs**  
*(thousands, end of year)*

	2005	2006	2007	2008	2009
<b>Euroclear Netherlands</b>					
Total number of securities held	4,210	5,346	6,352	8,665	879,590
debt securities	2,458	2,573	1,806	2,853	486,005
<i>short-term paper</i>	289	217	179	184	64,977
<i>bonds</i>	2,169	2,356	1,627	2,669	421,028
equity	1,694	2,773	1,044	1,086	370,148
other <sup>1</sup>	58	0	3,502	4,726	23,437

<sup>1</sup> Since 2007, it includes equity linked instruments.

**Table 24**  
**Value of securities held on accounts at CSDs**  
*(EUR billions, end of year)*

	2005	2006	2007	2008	2009
<b>Euroclear Netherlands</b>					
Total value of securities held	880.72	953.85	944.60	818.97	879.59
debt securities	333.43	333.40	383.51	521.97	486.01
<i>short-term paper</i>	27.53	22.16	27.61	97.77	64.98
<i>bonds</i>	305.90	311.24	355.90	424.19	421.03
equity	543.05	620.45	542.22	275.18	370.15
other	4.24	0.00	18.87	21.82	23.44

**Table 25****Number of delivery instructions processed***(thousands, total for the year)*

	2005	2006	2007	2008	2009
<b>Euroclear Netherlands</b>					
Total number of delivery instructions	3,125	3,845	4,597	4,399	4,886
DVP	2,312	2,807	3,377	3,276	4,466
debt securities	112	103	114	120	276
<i>bonds</i>	112	103	114	120	270
equity	2,200	2,704	3,263	3,156	3,477
free of payment	811	1,039	1,221	1,123	357
debt securities	114	109	123	121	54
<i>bonds</i>	114	109	123	121	53
equity	694	930	1,098	1,002	270
other	3	0	0	0	33

**Table 26****Value of delivery instructions processed**

Details are not available.



**Table 1**  
**Basic statistical data**

	2005	2006	2007	2008	2009
Population (thousands) <sup>1</sup>	143,114	142,487	142,115	141,956	141,909
GDP (RUR billions)	21,609.8	26,917.2	33,247.5	41,264.9	38,797.2
GDP per capita (RUR)	150,997	188,910	233,948	290,688	273,395
Consumer price inflation (%) <sup>2</sup>	10.9	9.0	11.9	13.3	8.8
Exchange rate (RUR/USD):					
<i>end of year</i>	28.78	26.33	24.55	29.38	30.24
<i>average</i>	28.28	27.18	25.57	24.81	31.68

<sup>1</sup> Yearly average, calculated on the basis of data of the Federal State Statistics Service. <sup>2</sup> December on December of the previous year.

Sources: Bank of Russia; The Federal State Statistics Service.

**Table 2**  
**Settlement media used by non-banks**

(RUR billions, end of year)

	2005	2006	2007	2008	2009
Notes and coin in circulation outside banks	2,009.41	2,785.22	3,702.30	3,794.94	4,038.20
Value of transferable deposits	1,813.28	2,747.24	4,200.29	3,796.57	4,256.45
Narrow money supply (M1)	nav	nav	nav	nav	nav
<i>Memo:</i>					
Transferable deposits in foreign currencies	nav	nav	nav	nav	nav
Outstanding value on e-money storages	nav	nav	nav	nav	nav

**Table 3****Settlement media used by banks***(RUR billions, average for December)*

	2005	2006	2007	2008	2009
Transferable balances held at the central bank	366.31	488.73	710.79	645.70	613.80
<i>required reserves</i> <sup>1</sup>	17.94	43.19	124.09	37.62	195.04
<i>free reserves</i>	348.38	445.53	586.70	608.08	418.76
Transferable balances held at other banks	80.34	145.74	131.37	147.99	134.89
<i>Memo:</i>					
Credit extended by the central bank:					
<i>intraday</i> <sup>2</sup>	35.91	60.34	59.24	88.20	115.32
<i>overnight</i> <sup>3</sup>	0.08	0.14	0.93	0.63	2.16
<i>longer refinancing operations (repos)</i> <sup>4</sup>	17.38	21.24	75.63	2,228.81	818.59

<sup>1</sup> Averaged required reserves (the period of averaging since 2009: 10 December 2009 - 10 January 2010). <sup>2</sup> Daily average value of extended intraday credit. <sup>3</sup> Daily average liabilities for extended overnight credit. <sup>4</sup> Liabilities of credit institutions for lombard loans and other credits including repo operations, currency swap transactions and unsecured credits.

**Table 4****Banknotes and coin***(RUR billions, end of year)*

	2005	2006	2007	2008	2009
Total banknotes and coin issued <sup>1,2</sup>	2,199.1	3,066.3	4,124.2	4,378.1	4,629.7
Total banknotes issued	2,185.62	3,049.81	4,103.79	4,354.45	4,603.47
<i>RUR 5000</i>	<i>nap</i>	143.20	859.78	1,466.15	1,861.46
<i>RUR 1000</i>	1,445.53	2,117.77	2,471.07	2,211.65	2,105.55
<i>RUR 500</i>	598.13	641.02	619.07	527.87	488.71
<i>RUR 100</i>	103.62	108.11	112.37	108.11	105.80
<i>RUR 50</i>	29.48	30.00	30.43	28.70	29.44
<i>RUR 10</i>	8.82	9.66	11.04	11.93	12.48
<i>RUR 5</i>	0.04	0.04	0.04	0.04	0.04
Total coin issued <sup>2</sup>	13.53	16.50	20.45	23.68	26.24
<i>of which:</i>					
<i>RUR 10</i>	1.74	2.62	3.49	4.10	4.91
<i>RUR 5</i>	4.65	5.48	6.75	7.66	8.23
<i>RUR 2</i>	2.05	2.40	2.99	3.56	3.94
<i>RUR 1</i>	2.75	3.25	3.97	4.58	4.94
<i>RUR 0.5</i>	1.11	1.32	1.59	1.87	2.10
<i>RUR 0.1</i>	0.98	1.16	1.36	1.57	1.76
<i>RUR 0.05</i>	0.19	0.22	0.24	0.27	0.29
<i>RUR 0.01</i>	0.05	0.06	0.06	0.07	0.07
Banknotes and coin held by banks <sup>1</sup>	189.77	281.14	422.00	583.30	591.66
Banknotes and coin in circulation outside banks	2,009.41	2,785.22	3,702.30	3,794.94	4,038.20

<sup>1</sup> Including banknotes and coin in vaults of the Bank of Russia. <sup>2</sup> Commemorative and investment coins made of precious metals are excluded.

**Table 5**  
**Institutions offering payment services to non-banks**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>Central bank</b>					
Number of branches or offices <sup>1</sup>	931	923	782	632	630
Number of accounts, (thousands)	90.5	82.0	74.5	69.1	62.4
Value of accounts, all (RUR billions) <sup>2</sup>	2,207.7	3,750.0	6,136.2	8,210.2	6,161.6
<i>Memo:</i>					
Number of accounts, banks (thousands)	3.2	3.3	3.4	3.5	3.3
<b>Banks</b>					
Number of institutions <sup>3</sup>	1,253	1,189	1,136	1,108	1,058
Number of branches or offices <sup>4</sup>	32,916	35,169	39,163	41,554	40,672
Number of accounts (thousands) <sup>5</sup>	364,132.7	381,254.3	434,663.0	483,291.8	521,851.1
<i>of which: number of internet/PC-linked accounts (thousands)</i>	1,954.5	2,724.1	3,924.1	6,171.6	7,893.7
Value of accounts (RUR billions) <sup>2, 6</sup>	4,557.7	6,250.6	8,437.2	9,457.8	11,376.5
<b>Other institutions offering payment services to non-banks: Federal State Unitary Enterprise "Russian Post"</b>					
Number of institutions	1	1	1	1	1
Number of branches or offices	40,363	40,456	40,489	40,482	40,486
Number of accounts	nap	nap	nap	nap	nap
Value of accounts	nap	nap	nap	nap	nap
<b>Institutions offering payment services to non-banks (total)</b>					
Number of institutions	1,255	1,191	1,138	1,110	1,060
Number of branches or offices	74,210	76,548	80,434	82,668	81,788
Number of accounts held by non-banks (thousands) <sup>5</sup>	364,223.2	381,336.3	434,737.5	483,360.9	521,913.4
<i>of which: number of internet/PC-linked accounts (thousands)</i>	1,954.5	2,724.1	3,924.1	6,171.6	7,893.7
Value of accounts held by non-banks (RUR billions) <sup>2, 6</sup>	6,765.4	10,000.6	14,573.4	17,668.0	17,538.1
<i>Memo:</i>					
<b>Electronic money institutions</b>					
Number of institutions	nav	nav	nav	nav	nav
Outstanding value on e-money storages issued by e-money institutions	nav	nav	nav	nav	nav

<sup>1</sup> The Bank of Russia branches. <sup>2</sup> Including funds in foreign currency. <sup>3</sup> Including settlement non-bank credit institutions.

<sup>4</sup> Including branches and additional offices of credit institutions (branches), other subdivisions of credit institutions (branches).

<sup>5</sup> Including accounts in foreign currency. <sup>6</sup> Including deposits of individuals.

**Table 6**  
**Payment card functions and accepting devices**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>Cards issued in the country (thousands)</b>					
Cards with a cash function	54,665	74,762	103,497	119,242	126,033
Cards with a debit function <sup>1</sup>	52,130	68,922	94,097	109,335	115,390
Cards with a credit function	2,479	5,660	8,944	9,296	8,601
Cards with an e-money function <sup>2</sup>	56	180	455	612	2,042
<i>of which: cards with an e-money function which have been loaded at least once</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Total number of cards (irrespective of the number of functions on the card)	54,665	74,762	103,497	119,242	126,033
<i>of which: cards with a combined debit, cash and e-money function</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>Memo:</i>					
Retailer cards	nav	nav	nav	nav	nav
<b>Terminals located in the country</b>					
ATMs	27,779	39,475	54,804	79,376	92,530
<i>ATMs with a cash withdrawal function</i>	<i>27,747</i>	<i>39,266</i>	<i>54,314</i>	<i>70,985</i>	<i>84,498</i>
<i>ATMs with a credit transfer function</i>	<i>16,202</i>	<i>29,707</i>	<i>43,857</i>	<i>65,386</i>	<i>79,505</i>
POS terminals	140,096	171,481	239,419	333,247	354,391
<i>EFTPOS terminals</i>	<i>140,096</i>	<i>171,481</i>	<i>239,419</i>	<i>333,247</i>	<i>354,391</i>
E-money card terminals	nav	nav	nav	nav	nav

<sup>1</sup> Including cards with a delayed debit function. <sup>2</sup> Prepaid cards issued by credit institutions refer to cards with an e-money function.

**Table 7**  
**Indicators of the use of payment instruments and terminals by non-banks: volume of transactions**  
*(millions, total for the year)*

	2005	2006	2007	2008	2009
<b>Transactions per type of payment instrument</b>					
Credit transfers <sup>1,2</sup>	859.1	1,346.7	1,836.9	2,082.3	2,036.2
<i>paper-based</i> <sup>3,4</sup>	<i>nav</i>	<i>nav</i>	1,118.1	1,204.6	1,147.6
<i>non-paper-based</i> <sup>3</sup>	<i>nav</i>	<i>nav</i>	716.9	848.1	863.3
Direct debits <sup>2</sup>	13.5	43.3	80.5	105.2	136.1
Card payments with cards issued in the country	144.1	224.9	352.7	517.3	677.2
<i>payments by cards with a debit function</i> <sup>5</sup>	138.5	215.5	334.7	489.2	641.2
<i>payments by cards with a credit function</i>	5.5	9.4	18.0	28.1	36.0
E-money payment transactions	4.5	4.3	1.9	7.4	47.7
<i>by cards with an e-money function</i>	4.5	4.3	1.9	7.4	47.7
<i>through other e-money storages</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Cheques	0.6	0.6	0.3	0.0	0.0
Other payment instruments <sup>2</sup>	220.6	458.5	792.8	908.0	855.8
Total number of transactions with payment instruments	1,242.4	2,078.3	3,065.1	3,620.2	3,753.1
<i>of which: cross-border transactions sent</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>Memo:</i>					
Cross-border transactions received	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<b>Transactions per type of terminal</b>					
Total transactions at terminals in the country					
Cash transactions	717.6	975.1	1,282.0	1,587.6	1,761.4
<i>ATM cash withdrawals</i>	665.7	921.2	1,223.9	1,523.8	1,710.1
<i>ATM cash deposits</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
POS payment transactions	111.9	134.1	197.7	260.2	339.7
E-money card loading/unloading transactions	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
E-money card payment transactions	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
a) Transactions at terminals in the country by cards issued in the country					
Cash transactions	710.1	964.1	1,269.2	1,572.3	1,749.1
<i>ATM cash withdrawals</i>	658.4	910.4	1,211.3	1,508.7	1,698.0
<i>ATM cash deposits</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
POS payment transactions	106.6	127.1	189.9	250.0	329.7
E-money card loading/unloading transactions	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
E-money card payment transactions	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
b) Transactions at terminals in the country by cards issued outside the country					
Cash transactions	7.5	11.0	12.7	15.3	12.3
<i>ATM cash withdrawals</i>	7.3	10.8	12.6	15.1	12.1
<i>ATM cash deposits</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
POS payment transactions	5.3	7.0	7.9	10.3	10.1
E-money card loading/unloading transactions	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
E-money card payment transactions	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
c) Transactions at terminals outside the country by cards issued in the country					
Cash transactions	4.2	6.2	8.0	11.8	10.6
<i>ATM cash withdrawals</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>ATM cash deposits</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
POS payment transactions	7.6	11.4	17.9	27.9	33.5
E-money card loading/unloading transactions	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
E-money card payment transactions	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>

<sup>1</sup> Includes postal transactions. <sup>2</sup> In 2006-2007 and 2009 the methodology of data collection was revised. <sup>3</sup> Payment orders. <sup>4</sup> Letters of credit. <sup>5</sup> Includes payments by cards with a delayed debit function.

**Table 8**  
**Indicators of the use of payment instruments and terminals by non-banks: value of transactions**  
*(RUR billions, total for the year)*

	2005	2006	2007	2008	2009
<b>Transactions per type of payment instrument</b>					
Credit transfers <sup>1,2</sup>	256,083.3	331,696.0	464,256.0	504,376.8	372,433.4
<i>paper-based</i> <sup>3,4</sup>	<i>nav</i>	<i>nav</i>	59,373.6	62,480.0	46,267.4
<i>non-paper-based</i> <sup>3</sup>	<i>nav</i>	<i>nav</i>	404,876.0	441,789.4	326,062.3
Direct debits <sup>2</sup>	1,082.3	2,643.0	6,629.8	6,605.0	2,226.5
Card payments with cards issued in the country	326.3	398.8	655.4	1,163.7	1,256.4
<i>payments by cards with a debit function</i> <sup>5</sup>	297.9	353.3	599.2	1,077.2	1,157.2
<i>payments by cards with a credit function</i>	28.4	45.5	56.2	86.5	99.2
E-money payment transactions	1.43	1.55	1.61	9.81	34.10
<i>by cards with an e-money function</i>	1.43	1.55	1.61	9.81	34.10
<i>through other e-money storages</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Cheques	26.6	87.7	57.6	7.5	3.5
Other payment instruments <sup>2</sup>	9,514.3	8,387.9	4,859.0	9,376.2	4,788.9
Total value of transactions with payment instruments	267,034.2	343,214.9	476,459.4	521,539.1	380,742.8
<i>of which: cross-border transactions sent</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>Memo:</i>					
Cross-border transactions received	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<b>Transactions per type of terminal</b>					
Total transactions at terminals in the country					
Cash transactions	2,667.3	4,020.1	5,863.6	8,118.4	8,720.1
<i>ATM cash withdrawals</i>	2,045.3	3,290.8	4,991.9	7,034.7	7,799.2
<i>ATM cash deposits</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
POS payment transactions	157.2	234.1	363.4	579.8	641.4
E-money card loading/unloading transactions	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
E-money card payment transactions	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
a) Transactions at terminals in the country by cards issued in the country					
Cash transactions	2,622.5	3,954.1	5,784.2	8,030.5	8,639.7
<i>ATM cash withdrawals</i>	2,007.6	3,234.3	4,922.1	6,955.0	7,727.9
<i>ATM cash deposits</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
POS payment transactions	122.1	186.0	306.5	513.8	582.4
E-money card loading/unloading transactions	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
E-money card payment transactions	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
b) Transactions at terminals in the country by cards issued outside the country					
Cash transactions	44.7	66.0	79.5	87.9	80.4
<i>ATM cash withdrawals</i>	37.7	56.5	69.9	79.7	71.3
<i>ATM cash deposits</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
POS payment transactions	35.2	48.0	56.9	66.0	59.0
E-money card loading/unloading transactions	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
E-money card payment transactions	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
c) Transactions at terminals outside the country by cards issued in the country					
Cash transactions	37.4	52.8	71.7	110.0	88.7
<i>ATM cash withdrawals</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>ATM cash deposits</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
POS payment transactions	47.3	71.3	111.5	171.9	192.5
E-money card loading/unloading transactions	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
E-money card payment transactions	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>

<sup>1</sup> Includes postal transactions. <sup>2</sup> In 2006-2007 and 2009 the methodology of data collection was revised. <sup>3</sup> Payment orders. <sup>4</sup> Letters of credit. <sup>5</sup> Includes payments by cards with a delayed debit function.

**Table 9**  
**Participation in selected interbank funds transfer systems**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>Large-value payment systems</b>					
<b>BESP system</b>					
Number of participants	nap	nap	nap	739	1,155
Direct participants	nap	nap	nap	739	1,155
Banks <sup>1</sup>	nap	nap	nap	515	870
Central bank <sup>2</sup>	nap	nap	nap	192	205
Other direct participants <sup>3</sup>	nap	nap	nap	32	80
General government	nap	nap	nap	nav	nav
Postal institution	nap	nap	nap	nav	nav
Clearing and settlement organisations	nap	nap	nap	nav	nav
Other financial institutions	nap	nap	nap	nav	nav
Other	nap	nap	nap	nav	nav
Indirect participants	nap	nap	nap	nav	nav
<b>Large-value and retail payment systems</b>					
<b>VER<sup>4</sup></b>					
Number of participants	3,986	4,050	4,087	4,123	3,948
Direct participants	3,986	4,050	4,087	4,123	3,948
Banks <sup>1</sup>	3,080	3,158	3,330	3,493	3,318
Central bank <sup>2</sup>	906	892	757	630	630
Other direct participants	nav	nav	nav	nav	nav
Indirect participants	nap	nap	nap	nap	nap
<b>MER<sup>5</sup></b>					
Number of participants	3,985	4,050	4,087	4,123	3,940
Direct participants	3,985	4,050	4,087	4,123	3,940
Banks <sup>1</sup>	3,080	3,158	3,330	3,493	3,312
Central bank <sup>2</sup>	905	892	757	630	628
Other direct participants	nav	nav	nav	nav	nav
Indirect participants	nap	nap	nap	nap	nap
<b>Payments using letters of advice</b>					
Number of participants	4,110	4,174	4,203	4,143	3,957
Direct participants	4,110	4,174	4,203	4,143	3,957
Banks <sup>1</sup>	3,179	3,251	3,421	3,511	3,327
Central bank <sup>2</sup>	931	923	782	632	630
Other direct participants	nav	nav	nav	nav	nav
Indirect participants	nap	nap	nap	nap	nap

<sup>1</sup> Credit institutions and their branches. <sup>2</sup> The Bank of Russia branches. <sup>3</sup> The Federal Treasury and its regional offices.  
<sup>4</sup> The VER systems (systems of intraregional electronic payments) ensure electronic payments in the Bank of Russia payment system (BRPS) regional subsystems. <sup>5</sup> The MER system (system of interregional electronic payments) ensures electronic payment interaction between the VER systems of different BRPS regional subsystems bilaterally between two different subsystems on a decentralised basis.

**Table 10****Payments processed by selected interbank funds transfer systems: volume of transactions***(millions, total for the year)*

	2005	2006	2007	2008	2009
<b>Large-value payment systems</b>					
<b>BESP system</b>					
Total transactions sent	nap	nap	nap	0.01	0.06
Concentration ratio in terms of volume (%)	nap	nap	nap	71.4	63.6
<b>Large-value and retail payment systems</b>					
<b>VER</b>					
Total transactions sent	464.3	573.3	676.9	752.6	748.7
Concentration ratio in terms of volume (%)	nap	nap	nap	nap	nap
<b>MER</b>					
Total transactions sent	86.3	120.5	154.1	184.4	192.5
Concentration ratio in terms of volume (%)	nap	nap	nap	nap	nap
<b>Payments using letters of advice</b>					
Total transactions sent	5.1	2.5	2.8	3.1	1.7
Concentration ratio in terms of volume (%)	nap	nap	nap	nap	nap

**Table 11****Payments processed by selected interbank funds transfer systems: value of transactions***(RUR billions, total for the year)*

	2005	2006	2007	2008	2009
<b>Large-value payment systems</b>					
<b>BESP system</b>					
Total transactions sent	nap	nap	nap	2,060.4	106,609.4
Concentration ratio in terms of value (%)	nap	nap	nap	97.0	98.0
<b>Large-value and retail payment systems</b>					
<b>VER</b>					
Total transactions sent	153,785.6	215,644.2	375,041.4	423,354.4	432,748.1
Concentration ratio in terms of value (%)	nap	nap	nap	nap	nap
<b>MER</b>					
Total transactions sent	36,112.1	50,955.5	69,580.8	88,643.4	69,620.3
Concentration ratio in terms of value (%)	nap	nap	nap	nap	nap
<b>Payments using letters of advice</b>					
Total transactions sent	4,073.4	1,074.0	1,131.0	2,215.9	887.9
Concentration ratio in terms of value (%)	nap	nap	nap	nap	nap



**Table 12**  
**Participation in SWIFT by domestic institutions**  
*(end of year)*

	2005	2006	2007	2008	2009
Members	97	100	100	98	99
<i>of which: live</i>	97	100	100	98	99
Sub-members	78	83	81	81	84
<i>of which: live</i>	78	81	80	79	84
Participants	80	89	96	112	127
<i>of which: live</i>	79	86	90	101	121
Total users	255	272	277	291	310
<i>of which: live</i>	254	267	270	278	304
<i>Memo:</i>					
Total SWIFT users	7,888	8,105	8,332	8,830	9,281
<i>members</i>	2,231	2,288	2,276	2,276	2,356
<i>sub-members</i>	3,077	3,120	3,212	3,305	3,306
<i>participants</i>	2,580	2,697	2,844	3,249	3,619

Source: SWIFT.

**Table 13**  
**SWIFT message flows to/from domestic users**  
*(thousands, total for the year)*

	2005	2006	2007	2008	2009
Total messages sent	89,342	99,121	122,747	131,868	123,652
<i>of which:</i>					
<i>category I</i>	13,842	14,366	14,793	15,458	16,878
<i>category II</i>	9,417	10,550	14,051	11,851	8,580
Total messages received	99,173	105,540	125,485	132,164	132,339
<i>of which:</i>					
<i>category I</i>	9,598	10,346	11,091	11,736	12,440
<i>category II</i>	5,988	6,167	6,238	6,285	5,478
Domestic traffic	23,927	20,101	22,734	26,583	28,275
<i>Memo:</i>					
Global SWIFT traffic	2,518,285	2,864,537	3,501,163	3,854,576	3,760,314

Source: SWIFT.

**Table 14**  
**Number of participants in exchanges and trading systems**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>MICEX</b>					
Total number of participants	332	341	349	296	300
<i>central bank</i>	1	1	1	1	1
<i>central counterparties (CCPs)</i>	0	0	0	0	0
<i>banks</i>	259	261	268	257	267
<i>other</i>	72	79	80	38	32
Number of domestic participants	332	341	349	296	300
<i>central bank</i>	1	1	1	1	1
<i>central counterparties (CCPs)</i>	0	0	0	0	0
<i>banks</i>	259	261	268	257	267
<i>other</i>	72	79	80	38	32
Number of foreign participants	0	0	0	0	0
<b>MICEX SE</b>					
Total number of participants	500	555	633	669	654
<i>central bank</i>	0	0	0	1	1
<i>central counterparties (CCPs)</i>	0	0	0	0	0
<i>banks</i>	299	319	347	355	350
<i>other</i>	201	236	286	313	303
Number of domestic participants	500	555	633	669	654
<i>central bank</i>	0	0	0	1	1
<i>central counterparties (CCPs)</i>	0	0	0	0	0
<i>banks</i>	299	319	347	355	350
<i>other</i>	201	236	286	313	303
Number of foreign participants	0	0	0	0	0
<b>RTS</b>					
Total number of participants	161	188	245	251	227
<i>central bank</i>	0	0	0	0	0
<i>central counterparties (CCPs)</i>	0	0	0	0	0
<i>banks</i>	54	65	87	93	87
<i>other</i>	107	123	158	158	140
Number of domestic participants	161	188	245	251	227
<i>central bank</i>	0	0	0	0	0
<i>central counterparties (CCPs)</i>	0	0	0	0	0
<i>banks</i>	54	65	87	93	87
<i>other</i>	107	123	158	158	140
Number of foreign participants	0	0	0	0	0

**Table 15**  
**Number of listed securities**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>MICEX</b>					
Total number of listed securities	nav	nav	nav	nav	nav
<b>MICEX SE</b>					
Total number of listed securities	178	221	387	485	450
debt securities	124	156	264	341	317
<i>short-term paper</i>	0	0	0	0	11
<i>bonds</i>	124	156	264	341	306
equity	54	65	96	144	133
<b>RTS</b>					
Total number of listed securities	394	412	598	531	501
debt securities	4	4	152	129	94
<i>bonds</i>	4	4	152	129	94
equity	390	408	446	402	407

**Table 16**  
**Market capitalisation of listed companies**  
*(RUR billions, end of year)*

	2005	2006	2007	2008	2009
<b>MICEX</b>					
Total market capitalisation/equity	nav	nav	nav	nav	nav
<b>MICEX SE</b>					
Total market capitalisation/equity	5,479.71	12,229.46	17,565.35	5,578.70	14,873.82
<b>RTS</b>					
Total market capitalisation/equity	8,512.60	16,429.81	18,928.82	6,952.76	12,884.64

**Table 17**  
**Number of executed trades**  
*(thousands, total for the year)*

	2005	2006	2007	2008	2009
<b>MICEX</b>					
Total number of executed securities trades	33.8	53.1	113.7	180.7	149.1
debt securities	33.8	53.1	113.7	180.7	149.1
<i>short-term paper</i>	0	0	1.3	1.3	0.8
<i>bonds</i> <sup>1</sup>	33.8	53.1	112.4	179.4	148.3
Total number of executed derivatives trades	0.9	2.9	4.9	22.4	27.5
<i>financial futures</i>	0.9	2.9	4.9	6.2	3.8
<i>commodity futures</i>	0	0	0	16.2	23.6
<b>MICEX SE</b>					
Total number of executed securities trades	14,985.7	35,226.2	46,759.6	62,629.8	115,739.6
debt securities	275.0	384.4	592.1	650.1	562.4
<i>short-term paper</i>	0	0	0	3.9	11.0
<i>bonds</i> <sup>1</sup>	275.0	384.4	592.1	646.2	551.4
equity	14,710.7	34,841.8	46,167.5	61,979.6	115,177.2
Total number of executed derivatives trades	0	0	0.8	2.9	307.8
<i>financial futures</i>	0	0	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>financial options</i>	0	0	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>other financial derivatives</i>	0	0	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>commodity futures</i>	0	0	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>commodity options</i>	0	0	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>other commodity derivatives</i>	0	0	<i>nav</i>	<i>nav</i>	<i>nav</i>
<b>RTS</b>					
Total number of executed securities trades <sup>2</sup>	181.4	135.4	163.1	119.6	3,310.2
debt securities <sup>2</sup>	0	0.4	0.6	0.5	0.2
<i>bonds</i> <sup>2</sup>	0	0.4	0.6	0.5	0.2
equity <sup>2</sup>	181.4	134.9	162.5	119.1	3,310.0
Total number of executed derivatives trades	34,366.4	89,648.3	144,922.7	239,829.7	474,418.4
<i>financial futures</i>	29,831.5	77,262.1	117,695.0	187,047.1	443,300.7
<i>financial options</i>	4,535.0	10,727.9	25,096.5	45,555.0	19,867.3
<i>commodity futures</i>	0	1,658.3	2,013.6	6,543.4	11,164.8
<i>commodity options</i>	0	0	117.6	684.1	85.5

<sup>1</sup> Including eurobonds in foreign currency. <sup>2</sup> Including transactions in foreign currency.

**Table 18****Value of executed trades***(RUR billions, total for the year)*

	2005	2006	2007	2008	2009
<b>MICEX</b>					
Total value of executed securities trades	2,878.38	4,411.41	22,620.18	26,206.99	32,916.29
debt securities	2,878.38	4,411.41	22,620.18	26,206.99	32,916.29
<i>short-term paper</i>	0	0	8,972.15	1,288.83	379.13
<i>bonds</i> <sup>1</sup>	2,878.38	4,411.41	13,648.03	24,918.16	32,537.16
Total value of executed derivatives trades	186.79	894.29	2,205.76	3,350.06	643.71
<i>financial futures</i>	187	894	2,206	3,324	598
<i>commodity futures</i>	0	0	0	26	45
<b>MICEX SE</b>					
Total value of executed securities trades	6,402	20,383	43,498	48,359	40,664
debt securities	2,376	5,518	12,551	14,631	14,394
<i>short-term paper</i>	0	0	0	122	258
<i>bonds</i> <sup>1</sup>	2,376	5,518	12,551	14,509	14,136
equity	4,027	14,865	30,947	33,728	26,270
Total value of executed derivatives trades	0	0	2	1	62
<i>financial futures</i>	0	0	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>financial options</i>	0	0	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>other financial derivatives</i>	0	0	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>commodity futures</i>	0	0	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>commodity options</i>	0	0	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>other commodity derivatives</i>	0	0	<i>nav</i>	<i>nav</i>	<i>nav</i>
<b>RTS</b>					
Total value of executed securities trades <sup>2</sup>	81.45	27.39	396.57	263.47	1,645.79
debt securities	0	0.05	1.46	6.21	0.03
<i>bonds</i>	0	0.05	1.46	6.21	0.03
equity	81.45	27.34	395.11	257.27	1,645.76
Total value of executed derivatives trades	526	2,709	7,513	11,158	14,168
<i>financial futures</i>	470	2,370	6,170	9,251	13,399
<i>financial options</i>	56	311	1,304	1,748	505
<i>commodity futures</i>	0	28	38	144	261
<i>commodity options</i>	0	0	2	15	3

<sup>1</sup> Including eurobonds in foreign currency. <sup>2</sup> Including transactions in foreign currency.

**Table 19**  
**Number of clearing members**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>MICEX<sup>1</sup></b>					
Total number of clearing members	845	920	1,069	1,113	1,188
<i>central bank</i>	1	1	1	1	1
<i>central counterparties (CCPs)</i>	0	0	0	0	0
<i>banks</i>	612	646	701	745	772
<i>other</i>	232	273	367	367	415
Number of domestic clearing members	845	920	1,069	1,113	1,188
<i>central bank</i>	1	1	1	1	1
<i>central counterparties (CCPs)</i>	0	0	0	0	0
<i>banks</i>	612	646	701	745	772
<i>other</i>	232	273	367	367	415
Number of foreign clearing members	0	0	0	0	0
<b>RTS CC<sup>2</sup></b>					
Total number of clearing members	94	117	132	390	368
<i>central bank</i>	0	0	0	0	0
<i>central counterparties (CCPs)</i>	0	0	0	0	0
<i>banks</i>	35	46	53	109	105
<i>other</i>	59	71	79	281	263
Number of domestic clearing members	94	117	132	327	307
<i>central bank</i>	0	0	0	0	0
<i>central counterparties (CCPs)</i>	0	0	0	0	0
<i>banks</i>	35	46	53	109	105
<i>other</i>	59	71	79	218	202
Number of foreign clearing members	0	0	0	63	61
<i>central bank</i>	0	0	0	0	0
<i>central counterparties (CCPs)</i>	0	0	0	0	0
<i>banks</i>	0	0	0	0	0
<i>other</i>	0	0	0	63	61

<sup>1</sup> Not excluding cross-participation. <sup>2</sup> Clears the derivatives transactions and, since September 2008, also securities transactions.

**Table 20**  
**Number of contracts and transactions cleared**  
*(thousands, total for the year)*

	2005	2006	2007	2008	2009
<b>MICEX</b>					
Total number of contracts and transactions cleared	21,553	68,243	132,260	194,716	135,197
Number of securities transactions cleared	15,020	35,279	46,873	62,810	115,889
debt securities	309	437	706	831	712
<i>short-term paper</i>	0	0	1	5	12
<i>bonds</i>	203	316	520	627	499
<i>government bonds</i> <sup>1</sup>	106	121	185	199	200
equity	14,711	34,842	46,168	61,980	115,177
<i>of which: number of repurchase transactions cleared</i>	106.8	384.7	861.7	1,095.5	814.5
debt securities	31.5	98.0	280.5	396.7	255.1
<i>short-term paper</i>	0	0	0.3	2.3	2.8
<i>bonds</i>	20.9	61.2	177.2	261.2	127.5
<i>government bonds</i> <sup>1</sup>	10.5	36.8	103.0	133.3	124.8
equity	75.3	286.7	581.2	698.8	559.4
Number of exchange-traded derivatives contracts cleared	6,534	32,964	85,386	131,906	19,308
<i>financial futures</i>	6,534	32,964	85,386	131,826	19,159
<i>commodity futures</i>	0	0	0	80	149
Number of OTC derivatives contracts cleared	0	0	0	0	0
<b>RTS CC<sup>2</sup></b>					
Total number of contracts and transactions cleared	53,275	89,648	144,923	246,275	480,936
Number of securities transactions cleared <sup>3</sup>	0	0	0	22.27	3,306.47
debt securities	0	0	0	0.14	0.21
<i>bonds</i>	0	0	0	0.14	0.21
equity <sup>3</sup>	0	0	0	22.09	3,306.14
other	0	0	0	0.05	0.12
<i>of which: number of repurchase transactions cleared</i>	0	0	0	0.47	0.35
equity	0	0	0	0.47	0.35
Number of exchange-traded derivatives contracts cleared	53,275	89,648	144,923	246,253	477,629
<i>financial futures</i>	45,994	77,262	117,695	190,401	444,886
<i>financial options</i>	7,281	10,728	25,097	48,506	21,474
<i>commodity futures</i>	0	1,658	2,014	6,602	11,174
<i>commodity options</i>	0	0	118	743	95
Number of OTC derivatives contracts cleared	0	0	0	0	0

<sup>1</sup> Including eurobonds in foreign currency. <sup>2</sup> Clears the derivatives transactions and, since September 2008, also securities transactions. <sup>3</sup> Including transactions in foreign currency.

**Table 21**  
**Value of contracts and transactions cleared**  
*(RUR billion, total for the year)*

	2005	2006	2007	2008	2009
<b>MICEX</b>					
Total value of contracts and transactions cleared	9,467.6	25,688.8	68,326.1	77,916.6	74,265.8
Value of securities transactions cleared	9,280.8	24,794.5	66,118.6	74,565.7	73,560.3
debt securities	5,254.2	9,929.8	35,171.2	40,837.9	47,290.2
<i>short-term paper</i>	0	0	8,972.2	1,411.2	617.0
<i>bonds</i>	2,183.3	5,184.5	13,021.6	19,286.4	20,766.9
<i>government bonds</i> <sup>1</sup>	3,071.0	4,745.4	13,177.4	20,140.3	25,906.3
equity	4,026.6	14,864.6	30,947.3	33,727.8	26,270.0
<i>of which: value of repurchase transactions cleared</i>	2,435.2	10,088.9	37,398.8	56,944.2	54,038.7
<i>debt securities</i>	1,689.8	6,292.1	21,778.8	35,763.0	42,090.9
<i>short-term paper</i>	0	0	1,141.9	1,169.3	236.3
<i>bonds</i>	758.2	2,882.5	9,833.1	16,145.0	17,633.2
<i>government bonds</i> <sup>1</sup>	931.7	3,409.6	10,803.8	18,448.7	24,221.4
equity	745.3	3,796.8	15,620.0	21,181.2	11,947.7
Value of exchange-traded derivatives contracts cleared	186.8	894.3	2,207.5	3,350.9	705.5
<i>financial futures</i>	186.8	894.3	2,207.5	3,324.7	660.2
<i>commodity futures</i>	0	0	0	26.2	45.3
Value of OTC derivatives contracts cleared	0	0	0	0	0
<b>RTS CC<sup>2</sup></b>					
Total value of contracts and transactions cleared	687.0	2,708.5	7,513.3	11,440.6	15,851.3
Value of securities transactions cleared <sup>3</sup>	0	0	0	13.113	1,634.299
debt securities	0	0	0	0.001	0.003
<i>bonds</i>	0	0	0	0.001	0.003
equity <sup>3</sup>	0	0	0	13.106	1,634.286
other	0	0	0	0.006	0.010
<i>of which: value of repurchase transactions cleared</i>	0	0	0	4.5	2.5
equity	0	0	0	4.5	2.5
Value of exchange-traded derivatives contracts cleared	687.0	2,708.5	7,513.3	11,427.4	14,217.0
<i>financial futures</i>	607.7	2,369.6	6,169.7	9,384.7	13,422.5
<i>financial options</i>	79.3	311.4	1,303.9	1,880.9	530.2
<i>commodity futures</i>	0	27.5	37.6	145.5	261.4
<i>commodity options</i>	0	0	2.1	16.3	3.0
Value of OTC derivatives contracts cleared	0	0	0	0	0

<sup>1</sup> Including eurobonds in foreign currency. <sup>2</sup> Clears the derivatives transactions and, since September 2008, also securities transactions. <sup>3</sup> Including transactions in foreign currency.



**Table 22**  
**Number of direct participants in CSDs**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>NDC</b>					
Total number of participants	688	738	817	908	892
<i>central bank</i>	1	1	1	1	1
<i>central counterparties (CCPs)</i>	0	0	0	0	0
<i>central securities depositories</i>	0	0	0	0	0
<i>banks</i> <sup>1</sup>	<i>nav</i>	<i>nav</i>	447	491	495
<i>other</i> <sup>1</sup>	<i>nav</i>	<i>nav</i>	369	416	396
Number of domestic participants	686	734	811	896	878
<i>central bank</i>	1	1	1	1	1
<i>central counterparties (CCPs)</i>	0	0	0	0	0
<i>central securities depositories</i>	0	0	0	0	0
<i>banks</i> <sup>1</sup>	<i>nav</i>	<i>nav</i>	446	490	493
<i>other</i> <sup>1</sup>	<i>nav</i>	<i>nav</i>	364	405	384
Number of foreign participants	2	4	6	12	14
<i>central bank</i>	0	0	0	0	0
<i>central counterparties (CCPs)</i>	0	0	0	0	0
<i>central securities depositories</i>	0	0	0	0	0
<i>banks</i>	0	1	1	1	2
<i>other</i>	2	3	5	11	12
<b>DCC</b>					
Total number of participants	391	399	409	417	441
<i>central bank</i>	0	0	0	0	0
<i>central counterparties (CCPs)</i>	0	0	1	1	1
<i>central securities depositories</i>	0	1	1	1	2
<i>banks</i>	133	138	144	144	147
<i>other</i>	258	260	263	271	291
Number of domestic participants	354	361	372	381	404
<i>central bank</i>	0	0	0	0	0
<i>central counterparties (CCPs)</i>	0	0	1	1	1
<i>central securities depositories</i>	0	0	0	0	0
<i>banks</i>	132	137	142	141	145
<i>other</i>	222	224	229	239	258
Number of foreign participants	37	38	37	36	37
<i>central bank</i>	0	0	0	0	0
<i>central counterparties (CCPs)</i>	0	0	0	0	0
<i>central securities depositories</i>	0	1	1	1	2
<i>banks</i>	1	1	2	3	2
<i>other</i>	36	36	34	32	33

<sup>1</sup> Statistics by categories of national participants were not collected in 2005-06.

**Table 23****Number of securities held on accounts at CSDs***(thousands, end of year)*

	2005	2006	2007	2008	2009
<b>NDC</b>					
Total number of securities held	1.40	1.70	2.40	2.80	2.90
debt securities <sup>1</sup>	0.70	0.90	1.10	1.20	1.20
<i>short-term paper</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>bonds</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
equity <sup>1</sup>	0.70	0.80	1.30	1.60	1.70
<b>DCC</b>					
Total number of securities held	2.82	3.57	3.98	4.00	3.98
debt securities	0.36	0.52	0.65	0.67	0.67
<i>bonds</i>	0.36	0.52	0.65	0.67	0.67
equity	2.43	3.01	3.25	3.18	3.13
other	0.03	0.05	0.08	0.16	0.17

<sup>1</sup> Including data in foreign currency.**Table 24****Value of securities held on accounts at CSDs***(RUR billions, end of year)*

	2005	2006	2007	2008	2009
<b>NDC</b>					
Total value of securities held	2,709.2	4,199.0	6,160.6	5,846.9	7,615.9
debt securities <sup>1</sup>	2,452.6	3,058.6	4,547.6	5,031.5	6,211.6
<i>short-term paper</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>bonds</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
equity <sup>1</sup>	256.6	1,140.4	1,613.0	815.4	1,404.3
<b>DCC</b>					
Total value of securities held	928.5	2,297.7	3,102.5	913.6	2,254.5
debt securities	37.2	51.5	61.9	50.2	57.8
<i>bonds</i>	37.2	51.5	61.9	50.2	57.8
equity	891.3	2,246.2	3,040.6	863.4	2,196.7
other <sup>2</sup>	0	0	0	0	0

<sup>1</sup> Including data in foreign currency. <sup>2</sup> Data are negligible.

**Table 25**  
**Number of delivery instructions processed**  
*(thousands, total for the year)*

	2005	2006	2007	2008	2009
<b>NDC</b>					
Total number of delivery instructions	1,114.7	1,907.8	2,488.4	2,538.1	2,483.0
DVP	975.2	1,679.1	2,177.9	2,123.1	2,199.3
debt securities <sup>1</sup>	253.5	358.4	479.0	486.3	435.5
<i>short-term paper</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>bonds</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
equity <sup>1</sup>	721.7	1,320.7	1,698.9	1,636.9	1,763.8
free of payment	139.5	228.7	310.5	414.9	283.7
debt securities <sup>1</sup>	29.7	36.9	49.7	62.7	64.0
<i>short-term paper</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>bonds</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
equity <sup>1</sup>	109.8	191.8	260.8	352.2	219.7
<b>DCC</b>					
Total number of delivery instructions	289.0	353.8	387.6	382.7	207.2
DVP	42.2	63.9	94.3	86.2	53.5
<i>debt securities</i>	0	0	0	0	0
equity	42.2	63.9	94.3	86.2	53.5
other <sup>2</sup>	0	0	0	0	0
free of payment	246.8	289.8	293.3	296.5	153.7
debt securities	39.1	48.6	64.2	48.2	29.2
<i>bonds</i>	39.1	48.6	64.2	48.2	29.2
equity	207.7	241.2	229.1	248.3	124.4
other <sup>3</sup>	0	0	0	0	0

<sup>1</sup> Including data in foreign currency. <sup>2</sup> Since 2007, data are negligible. <sup>3</sup> Data are negligible.

**Table 26**  
**Value of delivery instructions processed**  
*(RUR billions, total for the year)*

	2005	2006	2007	2008	2009
<b>NDC</b>					
Total value of delivery instructions	14,779.2	30,744.8	60,487.4	60,979.6	60,060.8
DVP	12,071.9	23,865.9	44,406.7	48,496.8	50,226.7
debt securities <sup>1</sup>	9,571.3	15,491.2	27,707.9	34,923.5	41,387.5
<i>short-term paper</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>bonds</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
equity <sup>1</sup>	2,500.7	8,374.7	16,698.8	13,573.3	8,839.1
free of payment	2,707.2	6,878.9	16,080.7	12,482.8	9,834.1
debt securities <sup>1</sup>	1,009.5	1,070.1	6,308.7	5,655.2	4,800.7
<i>short-term paper</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>bonds</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
equity <sup>1</sup>	1,697.8	5,808.8	9,772.0	6,827.7	5,033.4
<b>DCC</b>					
Total value of delivery instructions	1,934.2	5,219.1	8,542.5	9,118.9	3,832.3
DVP	208.9	510.3	800.0	672.5	358.8
debt securities	0	0	0	0	0
equity	208.9	510.3	800.0	672.5	358.8
other <sup>2</sup>	0	0	0	0	0
free of payment	1,725.4	4,708.8	7,742.5	8,446.4	3,473.5
debt securities	302.7	741.0	949.5	911.0	496.0
<i>bonds</i>	<i>302.7</i>	<i>741.0</i>	<i>949.5</i>	<i>911.0</i>	<i>496.0</i>
equity	1,422.7	3,967.8	6,793.0	7,535.4	2,977.5
other <sup>3</sup>	0	0	0	0	0

<sup>1</sup> Including data in foreign currency. <sup>2</sup> Since 2007, data are negligible. <sup>3</sup> Data are negligible.

**Table 1**  
**Basic statistical data**

	2005	2006	2007	2008	2009
Population (thousands)	23,119	23,679	24,243	24,807	25,374
GDP (SAR billions)	1,182.51	1,335.58	1,442.57	1,786.14	1,409.12
GDP per capita (SAR)	51,149	56,404	59,506	72,001	55,535
Consumer price inflation (%)	0.7	2.2	4.1	9.9	5.1
Exchange rate (SAR/USD):					
<i>end of year</i>	3.75	3.75	3.75	3.75	3.75
<i>average</i>	3.75	3.75	3.75	3.75	3.75

**Table 2**  
**Settlement media used by non-banks**  
*(SAR billions, end of year)*

	2005	2006	2007	2008	2009
Notes and coin in circulation outside banks and PostFinance	64.29	69.32	72.19	83.01	88.40
Value of transferable deposits	219.25	243.42	311.37	342.49	433.16
Narrow money supply (M1)	283.54	312.74	383.56	425.49	521.56
<i>Memo:</i>					
Transferable deposits in foreign currencies	nav	nav	nav	nav	nav
Outstanding value on e-money storages	nap	nap	nap	nap	nap

**Table 3**  
**Settlement media used by banks**  
*(SAR billions, average for December)*

	2005	2006	2007	2008	2009
Transferable balances held at the central bank	25.45	39.84	98.60	86.16	149.26
<i>required reserves</i>	21.04	23.76	36.14	44.30	50.32
<i>free reserves</i>	2.24	1.01	3.14	0.75	0.65
Transferable balances held at other banks	219.25	243.42	311.37	342.49	433.16
<i>Memo:</i>					
Credit extended by the central bank:					
<i>intraday</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>overnight</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>longer refinancing operations (repos)</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>

**Table 4**  
**Banknotes and coin**  
*(SAR millions, end of year)*

	2005	2006	2007	2008	2009
Total banknotes and coin issued	288,331.7	301,885.7	305,963.2	325,573.6	338,387.9
Total banknotes issued	71,271.9	81,321.6	81,987.0	93,781.4	99,012.3
SAR 500	47,072.3	54,869.3	55,889.0	69,948.2	76,440.2
SAR 200	12,633.8	14,104.6	13,090.8	7,799.6	2,429.3
SAR 100	7,177.2	7,851.4	8,106.2	10,238.2	13,625.9
SAR 50	1,898.8	1,847.3	1,889.0	2,802.4	3,483.4
SAR 20	278.5	272.0	238.4	244.0	201.3
SAR 10	988.4	1,105.8	1,278.0	1,230.8	1,279.3
SAR 5	590.3	600.0	724.2	713.2	714.1
SAR 1	632.6	671.2	771.3	805.0	838.8
Total coin issued	217,059.8	220,564.1	223,976.2	231,792.1	239,375.7
<i>of which:</i>					
SAR 1	33,248.9	32,762.6	32,397.4	32,564.1	32,476.7
SAR 0.50	84,379.6	85,268.3	88,286.0	95,532.9	103,057.2
SAR 0.25	57,193.8	59,929.9	60,314.6	60,645.1	60,783.5
SAR 0.20	2,505.1	2,505.1	2,505.1	2,505.1	2,505.1
SAR 0.10	31,294.4	31,658.7	32,034.4	32,103.1	32,103.2
SAR 0.05	8,082.5	8,084.1	8,083.3	8,086.4	8,094.5
SAR 0.01	355.5	355.4	355.5	355.4	355.5
Banknotes and coin held by banks	7,201.0	12,218.0	10,019.3	11,006.8	10,856.3
Banknotes and coin in circulation outside banks	64,288.0	69,324.1	72,191.7	83,006.4	88,395.4

**Table 5**  
**Institutions offering payment services to non-banks**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>Central bank</b>					
Number of branches or offices	10	10	10	10	10
Number of accounts	nav	nav	nav	nav	nav
Value of accounts	nav	nav	nav	nav	nav
<b>Banks</b>					
Number of institutions <sup>1</sup>	16	19	21	23	23
Number of branches or offices	1,224	1,289	1,353	1,410	1,519
Number of accounts (thousands) <sup>2</sup>	6,854	8,742	9,693	12,329	13,594
<i>of which: number of internet/PC-linked accounts</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Value of accounts (SAR billions)	489.4	591.3	717.6	846.1	940.5
<b>Branches of foreign banks</b>					
Number of institutions	5	8	10	11	11
Number of branches or offices	5	8	11	12	13
Value of accounts <sup>3</sup>	nav	nav	nav	nav	nav
<b>Other institutions offering payment services to non-banks</b>					
Number of institutions	nap	nap	nap	nap	nap
Number of branches or offices	nap	nap	nap	nap	nap
Number of accounts	nap	nap	nap	nap	nap
Value of accounts	nap	nap	nap	nap	nap
<b>Institutions offering payment services to non-banks (total)</b>					
Number of institutions	16	19	21	23	23
Number of branches or offices	1,224	1,289	1,353	1,410	1,519
Number of accounts held by non-banks (thousands)	6,854.0	8,742.0	9,693.0	12,329.0	13,594.0
<i>of which: number of internet/PC-linked accounts</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Value of accounts held by non-banks (SAR billions)	489.4	591.3	717.6	846.1	940.5
<i>Memo:</i>					
<b>Electronic money institutions</b>					
Number of institutions	nap	nap	nap	nap	nap
Outstanding value on e-money storages issued by e-money institutions	nap	nap	nap	nap	nap

<sup>1</sup> These represent all banks including foreign bank branches. <sup>2</sup> These represent all accounts maintained by the banks in the form of demand, time and saving, etc. <sup>3</sup> The amounts include in the total value of accounts.

**Table 6**  
**Payment card functions and accepting devices**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>Cards issued in the country (thousands)</b>					
Cards with a cash function	8,043	9,972	11,105	12,366	13,713
Cards with a debit function	8,043	9,972	11,105	12,366	13,713
Cards with a delayed debit function	nap	nap	nap	nap	nap
Cards with a credit function	1,056	1,419	1,760	1,930	2,016
Cards with an e-money function	nap	nap	nap	nap	nap
<i>of which: cards with an e-money function which have been loaded at least once</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
Total number of cards (irrespective of the number of functions on the card)	9,099	11,390	12,865	14,296	15,729
<i>of which: cards with a combined debit, cash and e-money function</i>	<i>8,043</i>	<i>9,972</i>	<i>11,105</i>	<i>12,366</i>	<i>13,713</i>
<i>Memo:</i>					
Retailer cards	nap	nap	nap	nap	nap
<b>Terminals located in the country</b>					
ATMs	4,594	6,079	7,544	8,893	9,950
<i>ATMs with a cash withdrawal function</i>	<i>4,594</i>	<i>6,079</i>	<i>7,544</i>	<i>8,893</i>	<i>9,950</i>
<i>ATMs with a credit transfer function</i>	<i>4,594</i>	<i>6,079</i>	<i>7,544</i>	<i>8,893</i>	<i>9,950</i>
POS terminals	44,253	57,180	61,557	72,351	82,620
<i>EFTPOS terminals</i>	<i>44,253</i>	<i>57,180</i>	<i>61,557</i>	<i>72,351</i>	<i>82,620</i>
E-money card terminals	nap	nap	nap	nap	nap
<i>e-money card loading/unloading terminals</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
<i>e-money card payment terminals</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>



**Table 7**  
**Indicators of the use of payment instruments and terminals by non-banks: volume of transactions**  
*(millions, total for the year)*

	2005	2006	2007	2008	2009
<b>Transactions per type of payment instrument</b>					
Credit transfers	1.4	1.8	2.2	3.0	3.4
<i>paper-based</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
<i>non-paper-based</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
Direct debits	0.2	0.5	1.0	1.7	1.8
Card payments with cards issued in the country	599.3	709.8	755.9	992.2	1,066.5
<i>payments by cards with a debit function</i>	599.3	709.8	755.9	992.2	1,066.5
<i>payments by cards with a delayed debit function</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
<i>payments by cards with a credit function</i>	15.3	23.1	29.2	29.4	31.1
E-money payment transactions	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
<i>by cards with an e-money function</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
<i>through other e-money storages</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
Cheques	7.6	7.2	7.1	7.3	7.1
Other payment instruments	0.0	1.9	18.9	64.3	67.7
Total number of transactions with payment instruments	622.2	742.0	811.1	1,093.3	1,172.4
<i>of which: cross-border transactions sent</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
<i>Memo:</i>					
Cross-border transactions received	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
<b>Transactions per type of terminal</b>					
Total transactions at terminals in the country					
Cash transactions	533.2	626.7	656.5	871.5	941.7
<i>ATM cash withdrawals</i>	533.2	626.7	656.5	871.5	941.7
<i>ATM cash deposits</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
POS payment transactions	66.1	83.1	99.4	120.7	124.8
E-money card loading/unloading transactions	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
E-money card payment transactions	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
a) Transactions at terminals in the country by cards issued in the country					
Cash transactions	327.8	378.1	644.8	854.9	925.7
<i>ATM cash withdrawals</i>	327.8	378.1	644.8	854.9	925.7
<i>ATM cash deposits</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
POS payment transactions	66.1	83.1	99.4	120.7	124.8
E-money card loading/unloading transactions	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
E-money card payment transactions	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
b) Transactions at terminals in the country by cards issued outside the country					
Cash transactions	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
<i>ATM cash withdrawals</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
<i>ATM cash deposits</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
POS payment transactions	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
E-money card loading/unloading transactions	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
E-money card payment transactions	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
c) Transactions at terminals outside the country by cards issued in the country					
Cash transactions	1.8	1.9	4.4	5.1	5.4
<i>ATM cash withdrawals</i>	1.8	1.9	4.4	5.1	5.4
<i>ATM cash deposits</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
POS payment transactions	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
E-money card loading/unloading transactions	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
E-money card payment transactions	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>

**Table 8**  
**Indicators of the use of payment instruments and terminals by non-banks: value of transactions**  
*(SAR billions, total for the year)*

	2005	2006	2007	2008	2009
<b>Transactions per type of payment instrument</b>					
Credit transfers	1,391.2	1,625.6	1,871.5	2,812.0	2,893.8
<i>paper-based</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
<i>non-paper-based</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
Direct debits	0.0	0.1	0.3	0.3	0.4
Card payments with cards issued in the country	274.0	310.1	348.2	430.4	467.5
<i>payments by cards with a debit function</i>	274.0	310.1	348.2	430.4	467.5
<i>payments by cards with a delayed debit function</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
<i>payments by cards with a credit function</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	13.4	14.3
E-money payment transactions	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
<i>by cards with an e-money function</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
<i>through other e-money storages</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
Cheques	505.2	502.3	596.2	713.3	655.5
Other payment instruments	10,146	13,821	33,712	35,937	61,278
Total value of transactions with payment instruments	10,925.3	14,633.0	34,656.2	37,080.5	62,400.8
<i>of which: cross-border transactions sent</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
<i>Memo:</i>					
Cross-border transactions received	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
<b>Transactions per type of terminal</b>					
Total transactions at terminals in the country					
Cash transactions	245.9	279.1	308.7	379.0	411.3
<i>ATM cash withdrawals</i>	245.9	279.1	308.7	379.0	411.3
<i>ATM cash deposits</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
POS payment transactions	28.1	31.0	39.4	51.4	56.3
E-money card loading/unloading transactions	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
E-money card payment transactions	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
a) Transactions at terminals in the country by cards issued in the country					
Cash transactions	245.9	279.1	308.7	379.0	411.3
<i>ATM cash withdrawals</i>	245.9	279.1	308.7	379.0	411.3
<i>ATM cash deposits</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
POS payment transactions	28.1	31.0	39.4	51.4	56.3
E-money card loading/unloading transactions	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
E-money card payment transactions	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
b) Transactions at terminals in the country by cards issued outside the country					
Cash transactions	0.7	1.0	1.2	1.6	1.8
<i>ATM cash withdrawals</i>	0.7	1.0	1.2	1.6	1.8
<i>ATM cash deposits</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
POS payment transactions	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
E-money card loading/unloading transactions	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
E-money card payment transactions	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
c) Transactions at terminals outside the country by cards issued in the country					
Cash transactions	1.4	1.4	1.5	1.6	1.8
<i>ATM cash withdrawals</i>	1.4	1.4	1.5	1.6	1.8
<i>ATM cash deposits</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
POS payment transactions	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
E-money card loading/unloading transactions	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
E-money card payment transactions	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>

**Table 9**  
**Participation in selected interbank funds transfer systems**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>SARIE</b>					
Number of participants	15	17	18	20	21
Direct participants	15	17	18	20	21
Banks	14	16	17	19	20
Central bank	1	1	1	1	1
Indirect participants	nap	nap	nap	nap	nap

**Table 10**  
**Payments processed by selected interbank funds transfer systems: volume of transactions**  
*(millions, total for the year)*

	2005	2006	2007	2008	2009
<b>Large-value and retail payment systems</b>					
<b>SARIE</b>					
Total transactions sent	13.38	20.26	23.79	29.88	30.95
Concentration ratio in terms of volume (%) <sup>1</sup>	nap	74.3	77.9	80.1	79.9

<sup>1</sup> This represents the percentage of total payments sent by the top banks.

**Table 11**  
**Payments processed by selected interbank funds transfer systems: value of transactions**  
*(SAR billions, total for the year)*

	2005	2006	2007	2008	2009
<b>Large-value and retail payment systems</b>					
<b>SARIE</b>					
Total transactions sent	10,137.7	13,830.4	33,674.1	35,869.8	61,216.7
Concentration ratio in terms of value (%) <sup>1</sup>	nap	68.0	66.0	68.2	81.4

<sup>1</sup> This represents the percentage of total payments sent by the top banks.

**Table 12**  
**Participation in SWIFT by domestic institutions**  
*(end of year)*

	2005	2006	2007	2008	2009
Members	13	13	13	13	14
<i>of which: live</i>	13	13	13	13	14
Sub-members	4	6	9	9	11
<i>of which: live</i>	4	6	7	9	10
Participants	1	1	2	4	6
<i>of which: live</i>	1	1	2	4	6
Total users	18	20	24	26	31
<i>of which: live</i>	18	20	22	26	30
<i>Memo:</i>					
Total SWIFT users	7,888	8,105	8,332	8,830	9,281
<i>members</i>	2,231	2,288	2,276	2,276	2,356
<i>sub-members</i>	3,077	3,120	3,212	3,305	3,306
<i>participants</i>	2,580	2,697	2,844	3,249	3,619

Source: SWIFT.

**Table 13**  
**SWIFT message flows to/from domestic users**  
*(thousands, total for the year)*

	2005	2006	2007	2008	2009
Total messages sent	7,273	9,853	11,369	13,799	15,474
<i>of which:</i>					
<i>category I</i>	5,463	8,016	9,416	11,611	13,262
<i>category II</i>	530	509	523	575	534
Total messages received	2,380	2,615	2,811	3,226	3,488
<i>of which:</i>					
<i>category I</i>	600	713	780	900	1,058
<i>category II</i>	169	158	171	187	175
Domestic traffic	148	192	212	239	394
<i>Memo:</i>					
Global SWIFT traffic	2,518,285	2,864,537	3,501,163	3,854,576	3,760,314

Source: SWIFT.

**Table 14**  
**Number of participants in exchanges and trading systems**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>Tadawul</b>					
Total number of participants	0	0	0	0	0

**Table 15**  
**Number of listed securities**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>Tadawul</b>					
Total number of listed securities	77	86	111	127	135
equity <sup>1</sup>	77	86	111	127	135

<sup>1</sup> The 2009 figure includes one delisted company.

**Table 16**  
**Market capitalisation of listed companies**  
*(SAR billions, end of year)*

	2005	2006	2007	2008	2009
<b>Tadawul</b>					
Total market capitalisation/equity	2,438.20	1,225.86	1,946.35	924.53	1,195.51

**Table 17****Number of executed trades***(thousands, total for the year)*

	2005	2006	2007	2008	2009
<b>Tadawul</b>					
Total number of executed securities trades	46,608.0	96,095.9	65,665.5	52,135.9	36,458.3
<i>equity</i>	46,608.0	96,095.9	65,665.5	52,135.9	36,458.3
Total number of executed derivatives trades	nav	nav	nav	nav	nav

**Table 18****Value of executed trades***(SAR billions, total for the year)*

	2005	2006	2007	2008	2009
<b>Tadawul</b>					
Total value of executed securities trades	4,138.70	5,261.85	2,557.71	1,962.95	1,264.01
<i>equity</i>	4,138.70	5,261.85	2,557.71	1,962.95	1,264.01
Total value of executed derivatives trades	nav	nav	nav	nav	nav

**Table 19**  
**Number of clearing members**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>Saudi Arabia clearing house</b>					
Total number of clearing members	15	17	18	19	19
<i>central bank</i>	1	1	1	1	1
<i>banks</i>	14	16	17	18	18
Number of domestic clearing members	15	17	18	19	19
<i>central bank</i>	1	1	1	1	1
<i>banks</i>	14	16	17	18	18
Number of foreign clearing members	0	0	0	0	0

**Table 20**  
**Number of contracts and transactions cleared**  
*(thousands, total for the year)*

	2005	2006	2007	2008	2009
<b>Saudi Arabia clearing house</b>					
Total number of contracts and transactions cleared	46,608.0	96,095.9	65,665.5	52,135.9	36,458.3
Number of securities transactions cleared	46,608.0	96,095.9	65,665.5	52,135.9	36,458.3
<i>debt securities</i>					
<i>short-term paper</i>					
<i>bonds</i>					
<i>equity</i>	46,608.0	96,095.9	65,665.5	52,135.9	36,458.3
<i>other</i>					
<i>of which: number of repurchase transactions cleared</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Number of exchange-traded derivatives contracts cleared	nap	nap	nap	nap	nap
Number of OTC derivatives contracts cleared	nap	nap	nap	nap	nap

**Table 21**  
**Value of contracts and transactions cleared**  
*(SAR billions, total for the year)*

	2005	2006	2007	2008	2009
<b>Saudi Arabia clearing house</b>					
Total value of contracts and transactions cleared	4,138.7	5,261.9	2,557.7	1,962.9	1,264.0
Value of securities transactions cleared	4,138.7	5,261.9	2,557.7	1,962.9	1,264.0
<i>equity</i>	4,138.7	5,261.9	2,557.7	1,962.9	1,264.0
<i>of which: value of repurchase transactions cleared</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Value of exchange-traded derivatives contracts cleared	nap	nap	nap	nap	nap
Value of OTC derivatives contracts cleared	nap	nap	nap	nap	nap



**Table 22**  
**Number of direct participants in CSDs**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>Tadawul</b>					
Total number of participants	28	32	40	51	57
<i>central bank</i>	1	1	1	1	1
<i>central counterparties (CCPs)</i>	0	0	0	0	0
<i>central securities depositories</i>	1	1	1	1	1
<i>banks</i>	14	16	17	18	18
<i>other</i>	12	14	21	31	37
Number of domestic participants	28	32	40	51	57
<i>central bank</i>	1	1	1	1	1
<i>central counterparties (CCPs)</i>	0	0	0	0	0
<i>central securities depositories</i>	1	1	1	1	1
<i>banks</i>	14	16	17	18	18
<i>other</i>	12	14	21	31	37
Number of foreign participants	0	0	0	0	0

**Table 23**  
**Number of securities held on accounts at CSDs**  
*(millions, end of year)*

	2005	2006	2007	2008	2009
<b>Tadawul</b>					
Total number of securities held	2,982	19,328	30,619	39,503	41,223
<i>equity</i>	2,982	19,328	30,619	39,503	41,223

**Table 24**  
**Value of securities held on accounts at CSDs**  
*(SAR billions, end of year)*

	2005	2006	2007	2008	2009
<b>Tadawul</b>					
Total value of securities held	2,438.2	1,225.9	1,946.4	924.5	1,195.5
<i>equity</i>	2,438.2	1,225.9	1,946.4	924.5	1,195.5

**Table 25**  
**Number of delivery instructions processed**

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Details are not available.

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**Table 26**  
**Value of delivery instructions processed**

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Details are not available.

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**Table 1**  
**Basic statistical data**

	2005	2006	2007	2008	2009
Population (thousands) <sup>1</sup>	4,266	4,401	4,589	4,839	4,988
GDP (SGD billions)	199.38	217.00	243.17	257.42	265.06
GDP per capita (SGD)	46,736	49,306	52,990	53,197	53,139
Consumer price inflation (%) <sup>2</sup>	0.4	1.0	2.1	6.6	0.6
Exchange rate (SGD/USD):					
<i>end of year</i>	1.6642	1.5336	1.4412	1.4392	1.4034
<i>average</i>	1.6646	1.5889	1.5071	1.4148	1.4545

<sup>1</sup> Mid-year estimates. <sup>2</sup> Yearly average.

**Table 2**  
**Settlement media used by non-banks**  
(SGD millions, end of year)

	2005	2006	2007	2008	2009
Notes and coin in circulation outside banks <sup>1</sup>	14,585	15,279	16,665	18,995	20,212
Value of transferable deposits <sup>2</sup>	31,501	36,958	47,270	56,706	73,256
Narrow money supply (M1) <sup>3</sup>	46,086	52,243	63,939	75,704	93,472
<i>Memo:</i>					
Transferable deposits in foreign currencies <sup>4</sup>	nap	nap	nap	nap	nap
Outstanding value on e-money storages	136	148	178	195	199
<i>on card-based products</i>	136	148	178	195	199
<i>on software-based products</i>	nap	nap	nap	nap	nap

<sup>1</sup> Currency in active circulation. <sup>2</sup> Demand deposits of private non-bank customers resident in Singapore. <sup>3</sup> Currency in active circulation and demand deposits. <sup>4</sup> From March 2004, data are no longer collected.

**Table 3**  
**Settlement media used by banks**  
(SGD millions, average for December)<sup>1</sup>

	2005	2006	2007	2008	2009
Transferable balances held at the central bank	7,466	8,802	9,530	13,466	14,000
<i>required reserves</i>	6,754	7,886	9,109	10,315	11,774
<i>free reserves</i>	712	916	422	3,151	2,226
Transferable balances held at other banks	nap	nap	nap	nap	nap
<i>Memo:</i>					
Credit extended by the central bank:					
<i>intraday</i>	0	0	0	0	0
<i>overnight</i>	0	0	0	0	0
<i>longer refinancing operations</i>	nap	nap	nap	nap	nap

<sup>1</sup> For institutions' borrowing from the central bank, Sundays and public holidays are excluded.

**Table 4****Banknotes and coin<sup>1</sup>***(SGD millions, end of year)*

	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>
Total banknotes and coin issued	15,933	16,944	18,438	20,735	22,239
Total banknotes issued	15,140	16,123	17,570	19,830	21,304
SGD 10,000	1,230	1,217	1,201	1,514	1,724
SGD 1,000	5,244	5,456	6,067	7,089	7,564
SGD 500	294	282	273	266	261
SGD 100	908	977	1,078	1,345	1,419
SGD 50	5,324	5,898	6,449	6,953	7,533
SGD 25	10	10	10	10	10
SGD 20	121	120	171	172	172
SGD 10	1,182	1,262	1,356	1,469	1,588
SGD 5	208	222	247	267	273
SGD 2	472	533	573	601	617
SGD 1	147	146	145	144	143
Total coin issued	793	821	868	905	935
SGD 5	6	6	6	6	6
SGD 1	383	399	430	452	470
SGD 0.50	152	158	165	172	177
SGD 0.20	116	119	124	129	133
SGD 0.10	98	100	103	105	107
SGD 0.05	31	32	33	34	35
SGD 0.01	7	7	7	7	7
Banknotes and coin held by banks <sup>2</sup>	1,349	1,665	1,773	1,740	2,027
Banknotes and coin in circulation outside banks <sup>3</sup>	14,585	15,279	16,665	18,995	20,212

<sup>1</sup> Excludes commemorative and numismatic notes and coin. <sup>2</sup> Cash at banks (includes Brunei notes and coin). <sup>3</sup> Currency in active circulation.

**Table 5**  
**Institutions offering payment services to non-banks**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>Central bank</b>					
Number of branches or offices <sup>1</sup>	1	1	1	1	1
Number of accounts	nav	nav	nav	nav	nav
Value of accounts	nav	nav	nav	nav	nav
<i>Memo:</i>					
Number of accounts, banks <sup>2,3</sup>	111	108	108	113	114
Value of accounts, banks (SGD billions) <sup>2</sup>	7.47	8.80	9.53	13.47	14.00
<b>Banks<sup>2</sup></b>					
Number of institutions <sup>3</sup>	159	156	157	162	164
Number of branches or offices <sup>3</sup>	444	445	448	457	459
Number of accounts	nav	nav	nav	nav	nav
Value of accounts (SGD billions)	223.72	272.46	314.99	347.51	391.5
<b>Commercial banks<sup>2</sup></b>					
Number of institutions <sup>3</sup>	111	108	108	113	114
Number of branches or offices <sup>3</sup>	396	397	399	408	409
Value of accounts (SGD billions)	223.72	272.46	314.99	347.51	391.50
<b>Merchant banks</b>					
Number of institutions <sup>3</sup>	48	48	49	49	50
Number of branches or offices <sup>3</sup>	48	48	49	49	50
Value of accounts	nav	nav	nav	nav	nav
<b>Other institutions offering payment services to non-banks: Finance companies</b>					
Number of institutions <sup>3</sup>	3	3	3	3	3
Number of branches or offices <sup>3</sup>	39	39	39	39	39
Number of accounts	nav	nav	nav	nav	nav
Value of accounts (SGD billions) <sup>4</sup>	6.37	7.15	10.09	9.98	18.09
<b>Institutions offering payment services to non-banks (total)</b>					
Number of institutions <sup>3</sup>	163	160	161	166	168
Number of branches or offices <sup>3</sup>	484	484	487	496	498
Number of accounts held by non-banks	nav	nav	nav	nav	nav
Value of accounts held by non-banks (SGD billions)	237.56	288.41	334.60	370.95	423.59
<i>Memo:</i>					
<b>Electronic money institutions</b>					
Number of institutions <sup>3</sup>	4	4	6	6	8
Outstanding value on e-money storages issued by e-money institutions (SGD billions)	0.140	0.150	0.180	0.200	0.200

<sup>1</sup> Singapore (main office). The representative offices in New York and London do not offer cashless payment services. <sup>2</sup> Include local and foreign banks. <sup>3</sup> As at end-March of the years shown. <sup>4</sup> Non-bank customer deposits.

**Table 6**  
**Payment card functions and accepting devices**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>Cards issued in the country (thousands)</b>					
Cards with a cash function <sup>1</sup>	7,481	8,256	8,933	9,625	8,959
Cards with a debit function <sup>1</sup>	7,481	8,256	8,933	9,625	8,959
Cards with a delayed debit function	nap	nap	nap	nap	nap
Cards with a credit function <sup>2</sup>	4,442	5,090	5,650	6,278	6,703
Cards with an e-money function	11,114	12,042	13,870	14,706	15,329
<i>of which: cards with an e-money function which have been loaded at least once</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Total number of cards (irrespective of the number of functions on the card) <sup>3</sup>	23,037	25,388	28,454	30,609	30,991
<i>of which: cards with a combined debit, cash and e-money function</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>Memo:</i>					
Retailer cards	nav	nav	nav	nav	nav
<b>Terminals located in the country</b>					
ATMs	1,698	1,789	1,906	1,999	2,151
<i>ATMs with a cash withdrawal function</i>	<i>1,698</i>	<i>1,789</i>	<i>1,906</i>	<i>1,999</i>	<i>2,151</i>
<i>ATMs with a credit transfer function</i>	<i>1,698</i>	<i>1,789</i>	<i>1,906</i>	<i>1,999</i>	<i>2,151</i>
POS terminals	59,731	69,360	71,272	83,896	81,477
<i>of which: EFTPOS terminals</i>	<i>59,731</i>	<i>69,360</i>	<i>71,272</i>	<i>83,896</i>	<i>81,477</i>
E-money card terminals	76,141	78,009	79,672	94,582	104,169
<i>e-money card loading/unloading terminals</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>e-money card payment terminals</i>	<i>76,141</i>	<i>78,009</i>	<i>79,672</i>	<i>94,582</i>	<i>104,169</i>

<sup>1</sup> Based on survey data from selected local and foreign banks. For 2009, ATM figures had better data and some previous double countings from the banks have been removed. <sup>2</sup> Includes main and supplementary cards for credit and charge cards. <sup>3</sup> All cards with a cash function also have a debit function; they are therefore only counted once here.

**Table 7**  
**Indicators of the use of payment instruments and terminals by non-banks: volume of transactions**  
*(millions, total for the year)*

	2005	2006	2007	2008	2009
<b>Transactions per type of payment instrument</b>					
Credit transfers <sup>1,2</sup>	21.53	24.12	26.74	30.07	31.71
<i>paper-based</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>non-paper-based</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Direct debits <sup>1,2</sup>	51.01	53.68	53.95	51.52	52.59
Card payments with cards issued in the country	138.75	154.44	169.45	182.47	205.07
<i>payments by cards with a debit function<sup>3</sup></i>	<i>138.75</i>	<i>154.44</i>	<i>169.45</i>	<i>182.47</i>	<i>205.07</i>
<i>payments by cards with a delayed debit function</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>payments by cards with a credit function</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
E-money payment transactions	1,621.60	1,691.02	1,662.62	1,869.53	2,047.78
<i>by cards with an e-money function</i>	<i>1,621.60</i>	<i>1,691.02</i>	<i>1,662.62</i>	<i>1,869.53</i>	<i>2,047.78</i>
<i>through other e-money storages</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Cheques <sup>1,4</sup>	85.70	84.25	85.81	83.46	79.14
Other payment instruments	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Total number of transactions with payment instruments	1,918.59	2,007.51	1,998.58	2,217.05	2,416.29
<i>of which: cross-border transactions sent</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>Memo:</i>					
Cross-border transactions received	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<b>Transactions per type of terminal</b>					
Transactions at terminals in the country by cards issued in the country					
Cash transactions <sup>5</sup>	6.36	5.12	6.77	7.30	204.80
<i>ATM cash withdrawals<sup>5</sup></i>	<i>6.36</i>	<i>5.12</i>	<i>6.77</i>	<i>7.30</i>	<i>204.80</i>
<i>ATM cash deposits</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
POS payment transactions	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
E-money card loading/unloading transactions	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
E-money card payment transactions	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>

<sup>1</sup> Does not include on-us payments. <sup>2</sup> IBG transactions. <sup>3</sup> Sum of shared ATM and EFTPOS transactions. <sup>4</sup> Includes both SGD and USD cheques. <sup>5</sup> Cash withdrawals only; the figures are provided by the ATM interchange operators. UP to 2009, figures only include ATM interchange data. From 2009 onwards, figures include in-house ATM data, which makes up the majority of ATM cash transactions.

**Table 8**  
**Indicators of the use of payment instruments and terminals by non-banks: value of transactions**  
 (SGD billions, total for the year)

	2005	2006	2007	2008	2009
<b>Transactions per type of payment instrument</b>					
Credit transfers <sup>1,2</sup>	94.36	108.11	132.48	153.02	158.33
<i>paper-based</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>non-paper-based</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Direct debits <sup>1,2</sup>	39.62	44.15	53.24	59.83	59.33
Card payments with cards issued in the country	27.68	33.21	40.20	46.14	48.40
<i>payments by cards with a debit function<sup>3</sup></i>	<i>11.60</i>	<i>14.57</i>	<i>17.56</i>	<i>20.48</i>	<i>22.37</i>
<i>payments by cards with a delayed debit function</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>payments by cards with a credit function<sup>4</sup></i>	<i>16.07</i>	<i>18.64</i>	<i>22.64</i>	<i>25.66</i>	<i>26.03</i>
E-money payment transactions	1.42	1.52	1.72	1.91	1.93
<i>by cards with an e-money function</i>	<i>1.42</i>	<i>1.52</i>	<i>1.72</i>	<i>1.91</i>	<i>1.93</i>
<i>through other e-money storages</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Cheques <sup>1,5</sup>	446.97	513.74	675.98	631.37	584.63
Other payment instruments	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Total value of transactions with payment instruments	610.04	700.74	903.62	892.27	852.63
<i>of which: cross-border transactions sent</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>Memo:</i>					
Cross-border transactions received	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<b>Transactions per type of terminal</b>					
Transactions at terminals in the country by cards issued in the country					
Cash transactions <sup>6</sup>	1.06	1.20	1.29	1.51	49.53
<i>ATM cash withdrawals<sup>6</sup></i>	<i>1.06</i>	<i>1.20</i>	<i>1.29</i>	<i>1.51</i>	<i>49.53</i>
<i>ATM cash deposits</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
POS payment transactions	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
E-money card loading/unloading transactions	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
E-money card payment transactions	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>

<sup>1</sup> Does not include on-us payments. <sup>2</sup> IBG transactions. <sup>3</sup> Sum of shared ATM and EFTPOS transactions. <sup>4</sup> Includes charge cards. <sup>5</sup> Includes both SGD and USD cheques; USD cheques converted at end-year exchange rates. <sup>6</sup> Cash withdrawals only; the figures are provided by the ATM interchange operators. UP to 2009, figures only include ATM interchange data. From 2009 onwards, figures include in-house ATM data, which make up the majority of ATM cash transactions.



**Table 9**  
**Participation in selected interbank funds transfer systems**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>Large-value payment systems</b>					
<b>MEPS</b>					
Number of participants	111	110	118	119	135
Direct participants	64	57	58	60	63
<i>Banks</i>	63	56	57	59	62
<i>Central bank</i>	1	1	1	1	1
Indirect participants	47	53	60	59	72
<b>Retail payment systems</b>					
<b>Singapore dollar cheque clearing system</b>					
Number of participants	61	60	63	61	63
Direct participants	34	33	34	34	34
<i>Banks</i>	33	32	33	33	33
<i>Central bank</i>	1	1	1	1	1
Indirect participants	27	27	29	27	29
<b>US dollar cheque clearing system</b>					
Number of participants	43	44	44	45	46
Direct participants	32	31	31	32	31
<i>Banks</i>	32	31	31	32	31
Indirect participants	11	13	13	13	15
<b>IBG clearing system</b>					
Number of participants	39	39	42	38	43
Direct participants	36	35	35	31	37
<i>Banks</i>	36	35	35	31	37
Indirect participants	3	4	7	7	6
<b>EFTPOS<sup>1</sup></b>					
Number of participants	4	4	4	4	nav
Direct participants	4	4	4	4	nav
<i>Banks</i>	4	4	4	4	nav
Indirect participants	0	0	0	0	nav

<sup>1</sup> Data prior to 2009 refer to the dominant local EFTPOS system. However with the growth of various other EFTPOS schemes, these data are no longer shared due to confidentiality.

**Table 10**  
**Payments processed by selected interbank funds transfer systems: volume of transactions**  
*(millions, total for the year)*

	2005	2006	2007	2008	2009
<b>Large-value payment systems</b>					
<b>MEPS</b>					
Total transactions sent	2.52	2.68	3.42	3.73	3.63
Concentration ratio in terms of volume (%)	nav	nav	nav	nav	nav
<b>Retail payment systems</b>					
<b>Singapore dollar cheque clearing system</b>					
Total transactions sent	84.92	83.37	84.87	82.51	78.24
<i>cheques</i>	84.92	83.37	84.87	82.51	78.24
Concentration ratio in terms of volume (%)	87.9	87.8	88.2	87.8	88.3
<b>US dollar cheque clearing system</b>					
Total transactions sent	0.78	0.88	0.94	0.96	0.90
<i>cheques</i>	0.78	0.88	0.94	0.96	0.90
Concentration ratio in terms of volume (%)	72.5	72.9	74.4	74.5	76.1
<b>IBG clearing system</b>					
Total transactions sent	72.54	77.80	80.70	81.58	84.30
<i>credit transfers</i>	21.53	24.12	26.74	30.07	31.71
<i>direct debits</i>	51.01	53.68	53.95	51.52	52.59
Concentration ratio in terms of volume (%)	88.6	88.1	87.3	86.4	87.1
<b>EFTPOS<sup>1</sup></b>					
Total transactions sent	125.49	141.19	152.02	161.80	nav
<i>card payments</i>	125.49	141.19	152.02	161.80	nav
Concentration ratio in terms of volume (%)	100.0	100.0	100.0	100.0	100.0

<sup>1</sup> Data prior to 2009 refer to the dominant local EFTPOS system. However with the growth of various other EFTPOS schemes, these data are no longer shared due to confidentiality.

**Table 11**  
**Payments processed by selected interbank funds transfer systems: value of transactions**  
*(SGD billions, total for the year)*

	2005	2006	2007	2008	2009
<b>Large-value payment systems</b>					
<b>MEPS</b>					
Total transactions sent	12,591.41	13,201.00	15,274.00	16,233.00	13,644.00
Concentration ratio in terms of value (%)	nav	nav	nav	nav	nav
<b>Retail payment systems</b>					
<b>Singapore dollar cheque clearing system</b>					
Total transactions sent	406.44	467.74	626.74	579.14	535.77
<i>cheques</i>	406.44	467.74	626.74	579.14	535.77
Concentration ratio in terms of value (%)	81.9	82.2	83.6	82.3	86.0
<b>US dollar cheque clearing system<sup>1</sup></b>					
Total transactions sent	40.52	44.40	47.09	52.23	48.86
<i>cheques</i>	40.52	44.40	47.09	52.23	48.86
Concentration ratio in terms of value (%)	66.4	68.5	69.5	70.1	74.5
<b>IBG clearing system</b>					
Total transactions sent	133.97	152.26	185.72	212.85	217.66
<i>credit transfers</i>	94.36	108.11	132.48	153.02	158.33
<i>direct debits</i>	39.62	44.15	53.24	59.83	59.33
Concentration ratio in terms of value (%)	80.2	79.3	80.1	80.2	81.7
<b>EFTPOS<sup>2</sup></b>					
Total transactions sent	9.53	11.83	13.99	15.95	nav
<i>card payments</i>	9.53	11.83	13.99	15.95	nav
Concentration ratio in terms of value (%)	100.0	100.0	100.0	100.0	100.0

<sup>1</sup> Aggregated figures converted at end-year exchange rates. <sup>2</sup> Data prior to 2009 refer to the dominant local EFTPOS system. However with the growth of various other EFTPOS schemes, these data are no longer shared due to confidentiality.

**Table 12**  
**Participation in SWIFT by domestic institutions**  
*(end of year)*

	2005	2006	2007	2008	2009
Members	8	8	8	8	8
<i>of which: live</i>	8	8	8	8	8
Sub-members	137	139	139	144	144
<i>of which: live</i>	137	138	139	142	144
Participants	18	15	17	16	20
<i>of which: live</i>	15	14	14	14	18
Total users	163	162	164	168	172
<i>of which: live</i>	160	160	161	164	170
<i>Memo:</i>					
Total SWIFT users	7,888	8,105	8,332	8,830	9,281
<i>members</i>	2,231	2,288	2,276	2,276	2,356
<i>sub-members</i>	3,077	3,120	3,212	3,305	3,306
<i>participants</i>	2,580	2,697	2,844	3,249	3,619

Source: SWIFT.

**Table 13**  
**SWIFT message flows to/from domestic users**  
*(thousands, total for the year)*

	2005	2006	2007	2008	2009
Total messages sent	24,863	29,401	42,428	47,317	45,517
<i>of which:</i>					
<i>category I</i>	3,925	4,250	6,666	7,064	6,632
<i>category II</i>	4,565	4,963	6,003	6,358	5,984
Total messages received	25,513	30,415	43,160	48,853	48,778
<i>of which:</i>					
<i>category I</i>	4,387	4,775	7,403	7,919	7,781
<i>category II</i>	1,820	2,532	3,816	3,954	3,732
Domestic traffic	4,147	5,948	10,683	12,268	12,037
<i>Memo:</i>					
Global SWIFT traffic	2,518,285	2,864,537	3,501,163	3,854,576	3,760,314

Source: SWIFT.

**Table 14**  
**Number of participants in exchanges and trading systems**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>SGX</b>					
Total number of participants	3,290	3,374	3,651	3,816	4,011
<i>central bank</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>central counterparties (CCPs)</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>banks</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>other</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Number of domestic participants	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Number of foreign participants	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>

**Table 15**  
**Number of listed securities**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>SGX</b>					
Total number of listed securities	1,216	1,500	1,788	1,848	1,834
debt securities	525	779	990	1,043	1,021
<i>short-term paper</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>bonds</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
equity	684	708	781	786	773
other	7	13	17	19	40

**Table 16**  
**Market capitalisation of listed companies**  
*(SGD billions, end of year)*

	2005	2006	2007	2008	2009
<b>SGX</b>					
Total market capitalisation/equity	427.90	589.61	776.14	577.28	670.35

**Table 17****Number of executed trades***(thousands, total for the year)*

	2005	2006	2007	2008	2009
<b>SGX</b>					
Total number of executed securities trades	21,021.2	29,207.7	27,860.1	22,661.7	22,846.7
debt securities	nav	nav	nav	nav	nav
equity	nav	nav	nav	nav	nav
other	nav	nav	nav	nav	nav
Total number of executed derivatives trades	26,026.1	36,599.2	44,257.3	61,841.3	53,111.2
<i>financial futures</i>	25,867.7	36,201.4	43,741.6	61,605.3	52,996.5
<i>financial options</i>	158.5	396.4	465.3	235.9	114.7
<i>commodity futures</i>	nav	1.5	50.5	50.6	98.90

**Table 18****Value of executed trades***(SGD billions, total for the year)*

	2005	2006	2007	2008	2009
<b>SGX</b>					
Total value of executed securities trades	205.16	300.02	604.60	386.56	341.67
debt securities	11.21	14.75	29.36	21.22	9.99
<i>short-term paper</i>	nav	nav	nav	nav	nav
<i>bonds</i>	nav	nav	nav	nav	nav
equity	193.95	285.27	575.24	365.34	331.68
Total value of executed derivatives trades	nav	nav	nav	nav	nav

**Table 19****Number of clearing members***(end of year)*

	2005	2006	2007	2008	2009
<b>CDP</b>					
Total number of clearing members	64	64	65	66	62
<i>central bank</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>central counterparties (CCPs)</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>banks</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>other</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Number of domestic clearing members	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Number of foreign clearing members	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>

**Table 20****Number of contracts and transactions cleared***(millions, total for the year)*

	2005	2006	2007	2008	2009
<b>CDP</b>					
Total number of contracts and transactions cleared	203.9	320.0	682.9	336.7	427.2
Number of securities transactions cleared	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
debt securities	44.2	59.4	116.3	75.9	34.1
<i>short-term paper</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>bonds</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
equity	159.7	260.6	566.5	260.8	393.1
<i>of which: number of repurchase transactions cleared</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Number of exchange-traded derivatives contracts cleared	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Number of OTC derivatives contracts cleared	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>

**Table 21****Value of contracts and transactions cleared***(SGD billions, total for the year)*

	2005	2006	2007	2008	2009
<b>CDP</b>					
Total value of contracts and transactions cleared	205.16	300.02	604.60	386.56	341.67
Value of securities transactions cleared	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Value of exchange-traded derivatives contracts cleared	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Value of OTC derivatives contracts cleared	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>

**Table 22**  
**Number of direct participants in CSDs**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>MEPS+ SGS</b>					
Total number of participants	64	57	58	60	63
<i>central bank</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>central counterparties (CCPs)</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>central securities depositories</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>banks</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>other</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Number of domestic participants	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Number of foreign participants	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<b>DCSS</b>					
Total number of participants	44	44	45	46	47
<i>central bank</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>central counterparties (CCPs)</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>central securities depositories</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>banks</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>other</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Number of domestic participants	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Number of foreign participants	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<b>CDP</b>					
Total number of participants	64	64	65	66	62
<i>central bank</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>central counterparties (CCPs)</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>central securities depositories</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>banks</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>other</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Number of domestic participants	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Number of foreign participants	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>



**Table 23**  
**Number of securities held on accounts at CSDs**

Details are not available.

**Table 24**  
**Value of securities held on accounts at CSDs**  
*(SGD billions, end of year)*

	2005	2006	2007	2008	2009
<b>MEPS+ SGS</b>					
Total value of securities held	nav	nav	nav	nav	nav
<b>DCSS</b>					
Total value of securities held	nav	nav	nav	nav	nav
<b>CDP</b>					
Total value of securities held	937.92	847.45	1,329.64	958.33	1,253.22
debt securities	408.15	401.08	549.25	577.23	670.35
<i>short-term paper</i>	nav	nav	nav	nav	nav
<i>bonds</i>	nav	nav	nav	nav	nav
equity	529.77	446.37	780.39	381.10	582.87

**Table 25****Number of delivery instructions processed***(thousands, total for the year)*

	2005	2006	2007	2008	2009
<b>MEPS+ SGS</b>					
Total number of delivery instructions	45.2	44.0	60.0	83.0	56.0
DVP	nav	nav	nav	nav	nav
free of payment	nav	nav	nav	nav	nav
<b>DCSS</b>					
Total number of delivery instructions	26,026.1	36,601.3	44,257.3	61,841.3	53,111.2
DVP	nav	nav	nav	nav	nav
free of payment	nav	nav	nav	nav	nav
<b>CDP</b>					
Total number of delivery instructions	201.3	270.9	465.9	483.9	411.0
DVP	nav	nav	nav	nav	nav
free of payment	nav	nav	nav	nav	nav

**Table 26****Value of delivery instructions processed***(SGD billions, total for the year)*

	2005	2006	2007	2008	2009
<b>MEPS+ SGS</b>					
Total value of delivery instructions	565.13	599.00	868.00	855.00	691.00
DVP	nav	nav	nav	nav	nav
free of payment	nav	nav	nav	nav	nav
<b>DCSS</b>					
Total value of delivery instructions	6.60	7.04	7.30	5.84	0.23
DVP	nav	nav	nav	nav	nav
free of payment	nav	nav	nav	nav	nav
<b>CDP</b>					
Total value of delivery instructions	205.16	300.02	604.60	386.56	341.67
DVP	nav	nav	nav	nav	nav
free of payment	nav	nav	nav	nav	nav

**Table 1**  
**Basic statistical data**

	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>
Population (thousands)	47,356	47,971	48,554	49,108	49,633
GDP (ZAR billions)	1,571.10	1,767.40	2,017.10	2,283.80	2,407.70
GDP per capita (ZAR)	33,176	36,843	41,543	46,506	48,510
Consumer price inflation (%)	3.6	5.8	9.0	9.5	6.3
Exchange rate (ZAR/USD):					
<i>end of year</i>	6.3210	6.9740	6.7860	9.3040	7.3720
<i>average</i>	6.3620	6.7670	7.0540	8.2520	8.4370

**Table 2**  
**Settlement media used by non-banks**  
*(ZAR billions, end of year)*

	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>
Notes and coin in circulation outside banks	43.42	49.95	53.61	57.36	61.78
Value of transferable deposits	301.47	353.80	401.17	410.79	397.02
Other	158.16	201.93	283.54	285.47	347.12
Narrow money supply (M1)	503.05	605.68	738.32	753.63	805.93
<i>Memo:</i>					
Transferable deposits in foreign currencies	0.14	0.13	2.06	4.29	2.53
Outstanding value on e-money storages	nap	nap	nap	nap	nap

**Table 3**  
**Settlement media used by banks**

(ZAR billions, end of year except as noted)

	2005	2006	2007	2008	2009
Transferable balances held at the central bank <sup>1</sup>	25.31	32.35	41.68	46.74	46.41
<i>required reserves</i> <sup>2</sup>	25.92	32.70	40.85	47.64	48.99
<i>free reserves</i> <sup>3</sup>	-0.61	-0.35	0.83	-0.90	-2.58
Transferable balances held at other banks	87.13	104.85	131.04	143.09	139.93
<i>Memo:</i>					
Credit extended by the central bank:					
<i>overnight</i> <sup>4</sup>	0	0	0	0	0
<i>longer refinancing operations (repos)</i> <sup>5</sup>	11.90	12.30	10.80	10.75	7.60

<sup>1</sup> Actual cash reserve requirements. <sup>2</sup> Statutory cash reserve requirement applicable. <sup>3</sup> South Africa allows for cash reserve averaging. Free reserves is therefore calculated as the difference between actual and statutory cash reserve. A negative figure implies that banks utilised their cash reserve balances to square off their end of day positions. A positive figure implies that banks deposited surplus reserves on their cash reserve accounts to square off their end of day positions. <sup>4</sup> Include the Bank's standing facilities and/or supplementary tenders on the last working day of December. <sup>5</sup> The outstanding main refinancing repo (7 days) provided to banks as on the last working day of December.

**Table 4**  
**Banknotes and coin**

(ZAR millions, end of year)

	2005	2006	2007	2008	2009
Total banknotes and coin issued <sup>1</sup>	130,662.0	133,621.0	157,380.0	144,483.0	149,140.0
Total banknotes issued	130,463.0	133,357.0	157,113.0	144,203.0	148,866.0
ZAR 200	9,996.0	8,128.0	9,764.0	35,603.0	2,261.0
ZAR 100	78,892.0	92,652.0	109,800.0	69,069.0	111,509.0
ZAR 50	21,910.0	17,036.0	20,556.0	23,344.0	21,547.0
ZAR 20	14,399.0	10,448.0	11,956.0	11,368.0	9,100.0
ZAR 10	5,266.0	5,093.0	5,037.0	4,819.0	4,449.0
Total coin issued	199.0	264.0	267.0	280.0	274.0
<i>of which:</i>					
ZAR 5	87.0	84.0	63.0	71.0	87.0
ZAR 2	22.0	55.0	50.0	53.0	62.0
ZAR 1	19.0	29.0	48.0	57.0	33.0
ZAR 0.50	18.0	27.0	31.0	19.0	20.0
ZAR 0.20	12.0	18.0	22.0	23.0	17.0
ZAR 0.10	14.0	18.0	20.0	22.0	22.0
ZAR 0.05	27.0	33.0	33.0	35.0	33.0
Banknotes and coin held by banks <sup>2</sup>	10,817.5	13,624.1	14,590.0	15,334.7	15,895.1
Banknotes and coin in circulation outside banks <sup>2</sup>	43,419.1	49,951.1	53,605.6	57,361.9	61,784.0

<sup>1</sup> Represents new currency issued during the year by the central bank. <sup>2</sup> Banknotes and coin in circulation are extracted from Statement of Assets and Liabilities and represent the outstanding balance of notes and coin issued in total by central bank, taking into account damage withdrawn, etc.

**Table 5**  
**Institutions offering payment services to non-banks**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>Central bank</b>					
Number of branches or offices	7	7	7	7	7
Number of accounts, all (thousands)	0.173	0.176	0.174	0.182	0.178
Value of accounts, all (ZAR billions)	27.0	32.7	40.4	50.4	53.7
<i>Memo:</i>					
Number of accounts, banks (thousands)	0.054	0.053	0.053	0.054	0.054
<b>Banks</b>					
Number of institutions	36	35	35	35	32
Number of branches or offices	2,947	3,075	3,299	2,968	3,095
Number of accounts	nav	nav	nav	nav	nav
<i>of which: number of internet/PC-linked accounts (thousands)</i>	nav	nav	nav	nav	nav
Value of accounts (ZAR billions)	1,240.4	1,539.5	1,900.0	2,284.4	2,275.7
<b>Institutions offering payment services to non-banks (total)</b>					
Number of institutions	36	35	35	35	32
Number of branches or offices	2,954	3,082	3,306	2,975	3,102
Number of accounts held by non-banks <sup>1</sup>	0.173	0.176	0.174	0.182	0.178
<i>of which: number of internet/PC-linked accounts (thousands)</i>	nav	nav	nav	nav	nav
Value of accounts held by non-banks (ZAR billions)	1,267.4	1,572.1	1,940.4	2,334.8	2,329.4
<i>Memo:</i>					
<b>Electronic money institutions</b>					
Number of institutions	nap	nap	nap	nap	nap
Outstanding value on e-money storages issued by e-money institutions (ZAR billions)					

<sup>1</sup> Includes only accounts at the central bank; those held at banks is not available.

**Table 6**  
**Payment card functions and accepting devices**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>Cards issued in the country (thousands)</b>					
Total number of cards (irrespective of the number of functions on the card)	nav	nav	nav	nav	52,729
<b>Terminals located in the country</b>					
ATMs	nav	nav	nav	nav	21,025
<i>ATMs with a cash withdrawal function</i>	nav	nav	nav	nav	21,025
<i>ATMs with a credit transfer function</i>	nav	nav	nav	nav	nav
POS terminals	nav	nav	nav	nav	236,626
<i>EFTPOS terminals</i>	nav	nav	nav	nav	236,626
E-money card terminals	nap	nap	nap	nap	nap

**Table 7**  
**Indicators of the use of payment instruments and terminals by non-banks: volume of transactions**  
*(millions, total for the year)*

	2005	2006	2007	2008	2009
<b>Transactions per type of payment instrument</b>					
Credit transfers	nav	nav	nav	nav	438.0
<i>paper-based</i>	nap	nap	nap	nap	nap
<i>non-paper-based</i>	nap	nap	nap	nap	nap
Direct debits	nav	nav	nav	nav	531.7
Card payments with cards issued in the country	nav	nav	nav	nav	884.3
E-money payment transactions	nap	nap	nap	nap	nap
Cheques	nav	nav	nav	nav	104.3
<b>Transactions per type of terminal</b>					
Total transactions at terminals in the country					
Cash transactions	nav	nav	nav	nav	885.8
<i>ATM cash withdrawals</i>	nav	nav	nav	nav	875.9
<i>ATM cash deposits</i>	nav	nav	nav	nav	9.9
POS payment transactions	nav	nav	nav	nav	847.6
E-money card loading/unloading transactions	nap	nap	nap	nap	nap
E-money card payment transactions	nap	nap	nap	nap	nap
a) Transactions at terminals in the country by cards issued in the country					
Cash transactions	nav	nav	nav	nav	885.8
<i>ATM cash withdrawals</i>	nav	nav	nav	nav	875.9
<i>ATM cash deposits</i>	nav	nav	nav	nav	9.9
POS payment transactions	nav	nav	nav	nav	847.6
E-money card loading/unloading transactions	nap	nap	nap	nap	nap
E-money card payment transactions	nap	nap	nap	nap	nap
b) Transactions at terminals outside the country by cards issued in the country					
Cash transactions <sup>1</sup>	4.032	5.758	7.693	7.177	8.854
<i>ATM cash withdrawals</i>	nav	nav	nav	nav	nav
<i>ATM cash deposits</i>	nav	nav	nav	nav	nav
POS payment transactions	nav	nav	nav	nav	nav
E-money card loading/unloading transactions	nav	nav	nav	nav	nav
E-money card payment transactions	nav	nav	nav	nav	nav

<sup>1</sup> Cash transactions include cash and ATM withdrawals, as well as POS transactions. Breakdown is not available.

**Table 8**  
**Indicators of the use of payment instruments and terminals by non-banks: value of transactions**  
*(ZAR billions, total for the year)*

	2005	2006	2007	2008	2009
<b>Transactions per type of payment instrument</b>					
Credit transfers	nav	nav	nav	nav	13,497.2
<i>paper-based</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
<i>non-paper-based</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
Direct debits	nav	nav	nav	nav	769.9
Card payments with cards issued in the country	nav	nav	nav	nav	366.4
E-money payment transactions	nap	nap	nap	nap	nap
Cheques	nav	nav	nav	nav	2,372.2
<b>Transactions per type of terminal</b>					
Total transactions at terminals in the country					
Cash transactions	nav	nav	nav	nav	544.9
<i>ATM cash withdrawals</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>512.1</i>
<i>ATM cash deposits</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>32.8</i>
POS payment transactions	nav	nav	nav	nav	319.9
E-money card loading/unloading transactions	nap	nap	nap	nap	nap
E-money card payment transactions	nap	nap	nap	nap	nap
a) Transactions at terminals in the country by cards issued in the country					
Cash transactions	nav	nav	nav	nav	544.9
<i>ATM cash withdrawals</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>512.1</i>
<i>ATM cash deposits</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>32.8</i>
POS payment transactions	nav	nav	nav	nav	319.9
E-money card loading/unloading transactions	nap	nap	nap	nap	nap
E-money card payment transactions	nap	nap	nap	nap	nap
b) Transactions at terminals outside the country by cards issued in the country					
Cash transactions <sup>1</sup>	4.273	6.481	9.825	10.905	12.075
<i>ATM cash withdrawals</i>					
<i>ATM cash deposits</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
POS payment transactions					
E-money card loading/unloading transactions	nav	nav	nav	nav	nav
E-money card payment transactions	nav	nav	nav	nav	nav

<sup>1</sup> Cash transactions include cash and ATM withdrawals, as well as POS transactions. Breakdown is not available.

**Table 9**  
**Participation in selected interbank funds transfer systems**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>SAMOS - large</b>					
Number of participants	22	21	22	22	24
Direct participants	22	21	22	22	24
Banks	20	19	20	20	22
Central bank	1	1	1	1	1
Other direct participants	1	1	1	1	1
Clearing and settlement organisations	1	1	1	1	1
Indirect participants	nav	nav	nav	nav	nav
<b>SAMOS - retail</b>					
Number of participants	21	20	21	21	23
Direct participants	21	20	21	21	23
Banks	20	19	20	20	22
Central bank	1	1	1	1	1
Indirect participants	nav	nav	nav	nav	nav



**Table 10**  
**Payments processed by selected interbank funds transfer systems: volume of transactions**  
*(millions, total for the year)*

	2005	2006	2007	2008	2009
<b>Large-value payment systems</b>					
<b>SAMOS - large</b>					
Total transactions sent	1.51	1.77	2.17	2.52	2.62
Concentration ratio in terms of volume (%)	85.7	85.4	87.1	89.9	88.7
<b>Retail payment systems</b>					
<b>SAMOS - retail<sup>1</sup></b>					
Total transactions sent	0.19	0.17	0.21	0.23	0.25
<i>credit transfers</i>	0.07	0.06	0.06	0.07	0.08
<i>direct debits</i>	0.05	0.04	0.07	0.08	0.08
<i>card payments</i>	0.02	0.02	0.02	0.02	0.03
<i>ATM transactions</i>	0.03	0.03	0.03	0.03	0.03
<i>cheques</i>	0.02	0.02	0.02	0.02	0.02
<i>other payment instruments</i>	0.01	0.01	0.01	0.01	0.01
Concentration ratio in terms of volume (%)	57.8	58.3	60.1	60.9	59.9

<sup>1</sup> Volumes of transactions in retail payment streams are settled in batches. Thus, volumes recorded by the system represent the number of batches and not actual transactions settled.

**Table 11**  
**Payments processed by selected interbank funds transfer systems: value of transactions**  
*(ZAR billions, total for the year)*

	2005	2006	2007	2008	2009
<b>Large-value payment systems</b>					
<b>SAMOS - large</b>					
Total transactions sent	55,604.5	57,089.7	69,760.0	86,339.3	71,413.9
Concentration ratio in terms of value (%)	87.7	83.9	84.9	84.4	84.9
<b>Retail payment systems</b>					
<b>SAMOS - retail</b>					
Total transactions sent	4,332.2	5,011.4	5,833.2	6,453.9	6,271.9
<i>credit transfers</i>	2,518.8	3,050.9	3,727.3	4,307.7	4,354.9
<i>direct debits</i>	260.8	322.1	407.7	508.7	525.5
<i>card payments</i>	112.4	149.7	189.5	233.1	247.5
<i>ATM transactions</i>	39.8	46.5	58.0	71.2	76.8
<i>cheques</i>	1,332.6	1,369.9	1,386.9	1,257.9	991.9
<i>other payment instruments</i>	67.8	72.3	63.7	75.3	75.2
Concentration ratio in terms of value (%)	97.5	97.5	97.2	96.9	96.6

**Table 12**  
**Participation in SWIFT by domestic institutions**  
*(end of year)*

	2005	2006	2007	2008	2009
Members	8	9	9	9	9
<i>of which: live</i>	8	9	9	9	9
Sub-members	30	29	29	29	25
<i>of which: live</i>	29	29	29	29	25
Participants	61	68	68	70	81
<i>of which: live</i>	61	66	68	68	78
Total users	99	106	106	108	115
<i>of which: live</i>	98	104	106	106	112
<i>Memo:</i>					
Total SWIFT users	7,888	8,105	8,332	8,830	9,281
<i>members</i>	2,231	2,288	2,276	2,276	2,356
<i>sub-members</i>	3,077	3,120	3,212	3,305	3,306
<i>participants</i>	2,580	2,697	2,844	3,249	3,619

Source: SWIFT.

**Table 13**  
**SWIFT message flows to/from domestic users**  
*(thousands, total for the year)*

	2005	2006	2007	2008	2009
Total messages sent	38,055	45,859	52,754	58,410	59,476
<i>of which:</i>					
<i>category I</i>	3,467	3,881	4,271	4,887	5,119
<i>category II</i>	3,775	4,114	4,786	5,620	5,651
Total messages received	34,839	42,013	47,617	52,708	53,057
<i>of which:</i>					
<i>category I</i>	3,798	4,345	4,782	5,713	5,849
<i>category II</i>	3,624	4,079	5,006	5,933	5,890
Domestic traffic	28,066	34,243	38,987	43,145	43,247
<i>Memo:</i>					
Global SWIFT traffic	2,518,285	2,864,537	3,501,163	3,854,576	3,760,314

Source: SWIFT.

**Table 14****Number of participants in exchanges and trading systems***(end of year)*

	2005	2006	2007	2008	2009
<b>Johannesburg Stock Exchange</b>					
Total number of participants	nav	nav	nav	nav	nav

**Table 15****Number of listed securities***(end of year)*

	2005	2006	2007	2008	2009
<b>Johannesburg Stock Exchange</b>					
Total number of listed securities	1,369	1,772	2,141	2,004	2,013
debt securities	385	725	967	1,012	1,047
<i>bonds</i>	385	725	967	1,012	1,047
equity	984	1,047	1,174	992	966

**Table 16****Market capitalisation of listed companies***(ZAR billions, end of year)*

	2005	2006	2007	2008	2009
<b>Johannesburg Stock Exchange</b>					
Total market capitalisation/equity	3,586.10	5,041.50	5,696.80	4,541.90	5,929.10

**Table 17****Number of executed trades***(thousands, total for the year)*

	2005	2006	2007	2008	2009
<b>Johannesburg Stock Exchange</b>					
Total number of executed securities trades	5,362.3	8,235.0	11,881.2	17,775.8	21,281.0
debt securities	298.2	311.9	327.3	376.8	330.2
<i>bonds</i>	298.2	311.9	327.3	376.8	330.2
equity	5,064.0	7,923.1	11,553.9	17,399.0	20,950.8
Total number of executed derivatives trades	846.1	968.1	1,351.8	1,562.1	1,605.7
<i>financial futures</i>	624	693	1,039	1,222	1,329
<i>financial options</i>	12	17	22	24	18
<i>commodity futures</i>	170	205	225	241	223
<i>commodity options</i>	41	53	66	75	37

**Table 18****Value of executed trades***(ZAR billions, total for the year)*

	2005	2006	2007	2008	2009
<b>Johannesburg Stock Exchange</b>					
Total value of executed securities trades	9,401.21	13,546.40	16,818.67	22,498.07	16,217.33
debt securities	8,122.52	11,424.90	13,838.56	19,235.00	13,421.26
<i>bonds</i>	8,122.52	11,424.90	13,838.56	19,235.00	13,421.26
equity	1,278.69	2,121.50	2,980.11	3,263.07	2,796.08
Total value of executed derivatives trades	1,638.22	3,160.30	5,115.61	5,195.85	3,389.92
<i>financial futures</i>	1,490	2,899	4,723	4,658	3,075
<i>financial options</i>	50	97	109	178	82
<i>commodity futures</i>	96	162	278	351	230
<i>commodity options</i>	2	3	6	8	2

**Table 19**

**Number of clearing members**

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Details are not available.

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**Table 20**

**Number of contracts and transactions cleared**

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Details are not available.

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**Table 21**

**Value of contracts and transactions cleared**

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Details are not available.

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**Table 22**  
**Number of direct participants in CSDs**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>SAFIRES</b>					
Total number of participants	27	27	27	27	27
<i>central bank</i>	1	1	1	1	1
<i>central counterparties (CCPs)</i>	0	0	0	0	0
<i>central securities depositories</i>	1	1	1	1	1
<i>banks</i>	6	6	6	6	6
<i>other</i>	19	19	19	19	19
Number of domestic participants	27	27	27	27	27
<i>central bank</i>	1	1	1	1	1
<i>central counterparties (CCPs)</i>	0	0	0	0	0
<i>central securities depositories</i>	1	1	1	1	1
<i>banks</i>	6	6	6	6	6
<i>other</i>	19	19	19	19	19

**Table 23**  
**Number of securities held on accounts at CSDs**  
*(thousands, end of year)*

	2005	2006	2007	2008	2009
<b>SAFIRES</b>					
Total number of securities held	1.433	1.603	1.992	1.978	1.832
debt securities	0.456	0.564	0.819	0.991	0.865
<i>short-term paper</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>bonds</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
equity	0.977	1.039	1.173	0.987	0.967

**Table 24**  
**Value of securities held on accounts at CSDs**  
*(ZAR billions, end of year)*

	2005	2006	2007	2008	2009
<b>SAFIRES</b>					
Total value of securities held	3,593.1	4,397.5	5,128.1	3,991.9	5,070.0
debt securities	693.1	767.5	808.1	951.9	1,030.0
<i>short-term paper</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>bonds</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
equity	2,900.0	3,630.0	4,320.0	3,040.0	4,040.0

**Table 25**  
**Number of delivery instructions processed**  
*(thousands, total for the year)*

	2005	2006	2007	2008	2009
<b>SAFIRES</b>					
Total number of delivery instructions	1,904.91	2,310.29	2,688.36	3,095.50	3,164.45
DVP	1,510.75	1,793.82	2,062.38	2,332.42	2,476.30
debt securities	316.87	335.20	351.23	409.01	356.30
<i>short-term paper</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>bonds</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
equity	1,193.87	1,458.63	1,711.15	1,923.41	2,120.00
free of payment	394.17	516.47	625.98	763.08	688.16
debt securities <sup>1</sup>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	0.43
<i>short-term paper</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>bonds</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
equity	394.17	516.47	625.98	763.08	687.72

<sup>1</sup> The Free of Payment functionality was implemented in August 2009.

**Table 26**  
**Value of delivery instructions processed**  
*(ZAR billions, total for the year)*

	2005	2006	2007	2008	2009
<b>SAFIRES</b>					
Total value of delivery instructions	22,500.0	18,430.0	22,020.0	41,240.0	24,140.0
DVP	22,500.0	18,430.0	22,020.0	41,240.0	24,140.0
debt securities	19,600.0	14,800.0	17,700.0	38,200.0	20,100.0
<i>short-term paper</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>bonds</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
equity	2,900.0	3,630.0	4,320.0	3,040.0	4,040.0
free of payment	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>





**Table 1**  
**Basic statistical data**

	2005	2006	2007	2008	2009
Population (thousands) <sup>1</sup>	9,030	9,081	9,150	9,256	9,341
GDP (SEK billions)	2,769.4	2,944.5	3,126.0	3,213.7	3,108.0
GDP per capita (SEK)	306,686	324,246	341,641	347,197	332,727
Consumer price inflation (%) <sup>1</sup>	0.8	1.5	1.7	3.3	1.9
Exchange rate (SEK/USD):					
<i>end of year</i>	7.9584	6.8644	6.4136	7.8106	7.1165
<i>average</i>	7.4780	7.3793	6.7585	6.5874	7.6446

<sup>1</sup> Yearly average.

**Table 2**  
**Settlement media used by non-banks**  
(SEK billions, end of year)

	2005	2006	2007	2008	2009
Notes and coin in circulation outside banks	100.37	100.77	100.77	99.41	100.07
Value of transferable deposits	986.30	1,118.36	1,240.32	1,312.04	1,438.6
Narrow money supply (M1)	1,086.67	1,219.13	1,337.34	1,408.73	1,535.1
<i>Memo:</i>					
Transferable deposits in foreign currencies	65.49	65.75	68.24	75.23	77.96
Outstanding value on e-money storages <sup>1</sup>	nap	nap	nap	nap	nap
<i>on card-based products</i>	nap	nap	nap	nap	nap
<i>on software- or network-based products</i>	nap	nap	nap	nap	nap

<sup>1</sup> Terminated in September 2004.

**Table 3**  
**Settlement media used by banks**  
 (SEK billions, end of year)

	2005	2006	2007	2008	2009
Transferable balances held at the central bank	0.25	0.12	0.14	206.70	171.16
<i>required reserves</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
<i>free reserves</i>	0.25	0.12	0.14	206.70	171.16
Transferable balances held at other banks	331.89	354.25	389.40	nav	nav
<i>Memo:</i>					
Credit extended by the central bank:	12.51	5.55	7.00	438.00	369.00
<i>intraday</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>overnight</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>longer-term refinancing operations</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>

**Table 4**  
**Banknotes and coin**  
 (SEK billions, end of year)

	2005	2006	2007	2008	2009
Total banknotes and coin issued	111.07	112.38	114.32	112.27	109.11
Total banknotes issued	105.52	106.86	108.52	106.27	103.69
<i>SEK 1,000</i>	45.50	42.28	38.84	34.30	31.37
<i>SEK 500</i>	47.23	51.38	55.45	58.42	59.45
<i>SEK 100</i>	9.59	9.92	10.79	10.46	9.87
<i>SEK 50</i>	1.23	1.28	1.34	1.26	1.25
<i>SEK 20</i>	1.66	1.70	1.80	1.82	1.76
<i>SEK 10</i>	0.23	0.23	0.23	0.00	0.00
<i>SEK 5</i>	0.08	0.08	0.08	0.00	0.00
Total coin issued	5.56	5.52	5.81	6.01	5.42
<i>SEK 10</i>	2.22	2.30	2.44	2.52	2.55
<i>SEK 5</i>	1.18	1.20	1.26	1.30	1.31
<i>SEK 2</i>	0.01	0.01	0.01	0.01	0.01
<i>SEK 1</i>	1.21	1.21	1.28	1.33	1.35
<i>SEK 0.50</i>	0.29	0.14	0.17	0.19	0.20
<i>Commemorative coin</i>	0.65	0.65	0.66	0.66	0.00
Banknotes and coin held by banks	10.70	11.61	13.55	12.87	9.04
Banknotes and coin in circulation outside banks	100.37	100.77	100.77	99.41	100.07

**Table 5**  
**Institutions offering payment services to non-banks**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>Central bank<sup>1</sup></b>					
Number of branches or offices	1	1	1	1	1
Number of accounts	nap	nap	nap	nap	nap
Value of accounts	nap	nap	nap	nap	nap
<b>Banks</b>					
Number of institutions	127	126	128	129	115
Number of branches or offices	1,865	1,947	1,950	nav	nav
Number of accounts	nap	nap	nav	nav	nav
Value of accounts (SEK billions)	1,546.3	1,731.3	1,910.8	2,024.8	2,197.2
<b>Commercial banks</b>					
Number of institutions	30	31	34	35	34
Number of branches or offices	1,549	1,642	1,643	nav	nav
Value of accounts (SEK billions)	1,349.4	1,527.6	1,695.3	1,794.2	1,932.7
<b>Savings banks</b>					
Number of institutions	71	68	69	67	53
Number of branches or offices	222	217	217	nav	nav
Value of accounts (SEK billions)	86.5	96.9	112.3	123.1	135.8
<b>Branches of foreign banks</b>					
Number of institutions	24	25	25	27	26
Number of branches or offices	94	88	90	nav	nav
Value of accounts (SEK billions)	110.4	106.9	103.1	107.5	128.7
<b>Other institutions offering payment services to non-banks: postal institution</b>					
Number of institutions	1	1	1	nav	nav
Number of branches or offices	650	510	37	nav	nav
Number of accounts	nav	nav	nav	nav	nav
Value of accounts	nav	nav	nav	nav	nav
<b>Institutions offering payment services to non-banks (total)</b>					
Number of institutions	126	127	129	130	115
Number of branches or offices	2,516	2,458	2,321	nav	nav
Number of accounts held by non-banks	nav	nav	nav	nav	nav
Value of accounts held by non-banks (SEK billions)	1,546.2	1,731.3	1,910.8	2,024.8	2,197.2
<i>Memo:</i>					
<b>Electronic money institutions</b>					
Number of institutions	nap	nap	nap	nap	nap
Outstanding value on e-money storages issued by e-money institutions	nap	nap	nap	nap	nap

<sup>1</sup> The central bank does not offer payment services to non-banks.

**Table 6**  
**Payment card functions and accepting devices**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>Cards issued in the country (thousands)</b>					
Cards with a cash function	8,725	9,421	9,816	10,651	10,875
Cards with a debit function	7,999	8,603	9,044	9,483	9,800
Cards with a delayed debit function	813	850	968	1,030	706
Cards with a credit function	3,912	4,580	4,296	4,668	8,487
Cards with an e-money function <sup>1</sup>	nap	nap	nap	nap	nap
<i>of which: cards with an e-money function which have been loaded at least once</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
Total number of cards (irrespective of the number of functions on the card)	12,724	14,033	14,308	15,181	18,993
<i>of which: cards with a combined debit, cash and e-money function</i>	<i>4,910</i>	<i>5,300</i>	<i>6,100</i>	<i>6,100</i>	<i>8,175</i>
<i>Memo:</i>					
Retailer cards	nap	nap	nav	nav	nav
<b>Terminals located in the country</b>					
ATMs	2,800	2,807	2,809	2,813	3,319
<i>ATMs with a cash withdrawal function</i>	<i>2,800</i>	<i>2,807</i>	<i>2,809</i>	<i>2,813</i>	<i>3,319</i>
<i>ATMs with a credit transfer function</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>
POS terminals	176,637	184,590	187,332	196,022	217,760
<i>of which: EFTPOS terminals</i>	<i>158,150</i>	<i>180,111</i>	<i>175,696</i>	<i>183,846</i>	<i>204,234</i>
E-money card terminals	nap	nap	nap	nap	nap

<sup>1</sup> From September 2004, no longer issued by the three largest banks offering this product.

**Table 7**  
**Indicators of the use of payment instruments and terminals by non-banks: volume of transactions**  
 (millions, total for the year)

	2005	2006	2007	2008	2009
<b>Transactions per type of payment instrument</b>					
Credit transfers	654.0	744.0	810.0	890.0	908.0
<i>paper-based</i>	94.0	91.0	86.0	93.0	87.0
<i>non-paper-based</i>	560.0	653.0	724.0	797.0	821.0
Direct debits	160.0	197.0	208.0	229.0	241.0
Card payments with cards issued in the country	1,057.0	1,191.0	1,338.0	1,634.0	1,697.0
<i>payments by cards with a debit function</i> <sup>1</sup>	887.0	994.0	1,148.0	1,395.0	1,337.0
<i>payments by cards with a delayed debit function</i>	59.0	63.0	68.0	92.0	59.0
<i>payments by cards with a credit function</i> <sup>2</sup>	111.0	134.0	122.0	147.0	301.0
E-money payment transactions <sup>3</sup>	nap	nap	nap	nap	nap
<i>by cards with an e-money function</i>	nap	nap	nap	nap	nap
<i>through other e-money storages</i>	nap	nap	nap	nap	nap
Cheques	1.0	1.0	1.0	1.0	1.0
Other payment instruments	nav	nav	nav	nav	nav
Total number of transactions with payment instruments					
	1,921.0	2,194.0	2,356.0	2,753.0	2,847.0
<i>of which: cross-border transactions sent</i>	15.0	17.7	20.0	nav	nav
<i>Memo:</i>					
Cross-border transactions received	2.0	2.9	1.8	nav	nav
<b>Transactions per type of terminal</b>					
Total transactions at terminals in the country					
Cash transactions	325.0	314.0	312.0	310.0	268.0
<i>ATM cash withdrawals</i>	324.0	313.0	311.0	309.0	267.0
<i>ATM cash deposits</i>	1.0	1.0	1.0	1.0	1.0
POS payment transactions	801.0	1,000.0	1,184.0	1,389.0	1,531.0
E-money card loading/unloading transactions <sup>3</sup>	nap	nap	nap	nap	nav
E-money card payment transactions <sup>3</sup>	nap	nap	nap	nap	nav
Transactions at terminals in the country by cards issued in the country					
Cash transactions	311.0	301.0	299.0	298.0	nav
<i>ATM cash withdrawals</i>	310.0	300.0	298.0	297.0	nav
<i>ATM cash deposits</i>	1.0	1.0	1.0	1.0	nav
POS payment transactions	752.0	952.0	1,118.0	1,302.0	nav
E-money card loading/unloading transactions <sup>3</sup>	nap	nap	nap	nap	nav
E-money card payment transactions <sup>3</sup>	nap	nap	nap	nap	nav
b) Transactions at terminals in the country by cards issued outside the country					
Cash transactions	6.0	6.0	5.0	4.0	nav
<i>ATM cash withdrawals</i>	6.0	6.0	5.0	4.0	nav
<i>ATM cash deposits</i>	0.0	0.0	0.0	0.0	nav
POS payment transactions	26.0	26.0	34.0	44.0	nav
E-money card loading/unloading transactions <sup>3</sup>	nap	nap	nap	nap	nav
E-money card payment transactions <sup>3</sup>	nap	nap	nap	nap	nav
c) Transactions at terminals outside the country by cards issued in the country					
Cash transactions	8.0	7.0	8.0	8.0	nav
<i>ATM cash withdrawals</i>	8.0	7.0	8.0	8.0	nav
<i>ATM cash deposits</i>	0.0	0.0	0.0	0.0	nav
POS payment transactions	23.0	22.0	32.0	43.0	nav
E-money card loading/unloading transactions <sup>3</sup>	nap	nap	nap	nap	nav
E-money card payment transactions <sup>3</sup>	nap	nap	nap	nap	nav

<sup>1</sup> From 2004, includes cards with a debit and delayed debit function. <sup>2</sup> From 2004, includes cards with a credit and delayed debit function. <sup>3</sup> From September 2004, no longer issued by the three largest banks offering this product.

**Table 8**  
**Indicators of the use of payment instruments and terminals by non-banks: value of transactions**  
 (SEK billions, total for the year)

	2005	2006	2007	2008	2009
<b>Transactions per type of payment instrument</b>					
Credit transfers	7,949.0	8,868.0	10,020.0	11,100.0	11,152.0
<i>paper-based</i>	437.0	384.0	346.0	307.0	290.0
<i>non-paper-based</i>	7,512.0	8,484.0	9,674.0	10,793.0	10,862.0
Direct debits	344.0	387.0	424.0	452.0	469.0
Card payments with cards issued in the country	519.0	544.0	613.0	693.0	711.0
<i>payments by cards with a debit function</i> <sup>1</sup>	413.0	432.0	477.0	538.0	550.0
<i>payments by cards with a delayed debit function</i>	39.0	30.0	33.0	36.0	35.0
<i>payments by cards with a credit function</i> <sup>2</sup>	67.0	82.0	103.0	119.0	126.0
E-money payment transactions <sup>3</sup>	nap	nap	nap	nap	nap
<i>by cards with an e-money function</i>	nap	nap	nap	nap	nap
<i>through other e-money storages</i>	nap	nap	nap	nap	nap
Cheques	54.9	54.1	59.5	69.0	42.0
Other payment instruments	nav	nav	nav	nav	nav
Total value of transactions with payment instruments	8,866.9	9,853.1	11,116.5	12,134.0	12,374.0
<i>of which: cross-border transactions sent</i>	187.0	231.0	283.0	nav	nav
<i>Memo:</i>					
Cross-border transactions received	258.0	261.0	286.0	nav	nav
<b>Transactions per type of terminal</b>					
Total transactions at terminals in the country					
Cash transactions	293.0	317.0	320.0	239.0	229.0
<i>ATM cash withdrawals</i>	289.0	313.0	316.0	235.0	224.0
<i>ATM cash deposits</i>	4.0	4.0	4.0	4.0	5.0
POS payment transactions	312.0	384.0	436.0	477.0	501.0
E-money card loading/unloading transactions <sup>3</sup>	nap	nap	nap	nap	nap
E-money card payment transactions <sup>3</sup>	nap	nap	nap	nap	nap
Transactions at terminals in the country by cards issued in the country					
Cash transactions	274.0	256.0	253.0	250.0	nav
<i>ATM cash withdrawals</i>	270.0	252.0	249.0	246.0	nav
<i>ATM cash deposits</i>	4.0	4.0	4.0	4.0	nav
POS payment transactions	269.0	326.0	399.0	439.0	nav
E-money card loading/unloading transactions <sup>3</sup>	nap	nap	nap	nap	nav
E-money card payment transactions <sup>3</sup>	nap	nap	nap	nap	nav
b) Transactions at terminals in the country by cards issued outside the country					
Cash transactions	8.0	7.0	5.0	3.0	nav
<i>ATM cash withdrawals</i>	8.0	7.0	5.0	3.0	nav
<i>ATM cash deposits</i>	0.0	0.0	0.0	0.0	nav
POS payment transactions	12.0	12.0	13.0	12.0	nav
E-money card loading/unloading transactions <sup>3</sup>	nap	nap	nap	nap	nav
E-money card payment transactions <sup>3</sup>	nap	nap	nap	nap	nav
c) Transactions at terminals outside the country by cards issued in the country					
Cash transactions	7.0	8.0	9.0	9.0	nav
<i>ATM cash withdrawals</i>	7.0	8.0	9.0	9.0	nav
<i>ATM cash deposits</i>	0.0	0.0	0.0	0.0	nav
POS payment transactions	16.0	17.0	22.0	24.0	nav
E-money card loading/unloading transactions <sup>3</sup>	nap	nap	nap	nap	nav
E-money card payment transactions <sup>3</sup>	nap	nap	nap	nap	nav

<sup>1</sup> From 2004, includes cards with a debit and delayed debit function. <sup>2</sup> From 2004, includes cards with a credit and delayed debit function. <sup>3</sup> From September 2004, no longer issued by the three largest banks offering this product.

**Table 9**  
**Participation in selected interbank funds transfer systems**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>Large-value payment systems</b>					
<b>E-RIX (TARGET component)</b>					
Number of participants	11	10	nap	nap	nap
Direct participants	11	10	nap	nap	nap
Banks	8	7	nap	nap	nap
Central bank	1	1	nap	nap	nap
Other direct participants	2	2	nap	nap	nap
<i>Clearing and settlement organisations</i>	2	2	nap	nap	nap
<i>Other financial institutions</i>	0	0	nap	nap	nap
Indirect participants	0	0	nap	nap	nap
<b>K-RIX</b>					
Number of participants	21	20	21	21	23
Direct participants	21	20	21	21	23
Banks	14	13	14	14	16
Central bank	1	1	1	1	1
Other direct participants	6	6	6	6	6
<i>Clearing and settlement organisations</i>	3	3	3	3	3
<i>Other financial institutions</i>	3	3	3	3	3
Indirect participants	0	0	0	0	0
<b>Retail payment systems</b>					
<b>Bankgirot, BGC</b>					
Number of participants	19	20	19	19	20
Direct participants	19	20	19	19	20
Banks	19	20	19	19	20
Central bank	0	0	0	0	0
Other direct participants	0	0	0	0	0
Indirect participants	0	0	0	0	0
<b>Dataclearing</b>					
Number of participants	19	20	19	19	20
Direct participants	19	20	19	19	20
Banks	19	20	19	19	20
Central bank	0	0	0	0	0
Other direct participants	0	0	0	0	0
Indirect participants	0	0	0	0	0

**Table 10**  
**Payments processed by selected interbank funds transfer systems: volume of transactions**  
*(millions, total for the year)*

	2005	2006	2007	2008	2009
<b>Large-value payment systems</b>					
<b>E-RIX (TARGET component)</b>					
Credit transfers sent <sup>1</sup>	0.11	0.07	nap	nap	nap
<i>credit transfers sent within E-RIX</i>	0.11	0.07	nap	nap	nap
<i>credit transfers sent to another TARGET component</i>	nav	nav	nap	nap	nap
<i>Memo:</i>					
Credit transfers received from another TARGET component	nav	nav	nap	nap	nap
Concentration ratio in terms of volume (%)	98.4	98.3	nap	nap	nap
<b>K-RIX</b>					
Total national transactions sent	1.50	1.70	1.95	2.01	2.58
<i>credit transfers</i>	1.50	1.70	1.95	2.01	2.58
Concentration ratio in terms of volume (%)	85.5	86.0	86.5	87.0	87.5
<b>Retail payment systems</b>					
<b>Bankgirot, BGC</b>					
Total national transactions sent	484.00	554.00	616.00	671.00	698.00
<i>credit transfers</i>	353.00	393.00	446.00	485.00	500.00
<i>direct debits</i>	131.00	161.00	170.00	186.00	198.00
Concentration ratio in terms of volume	nap	nap	nap	nap	nap
<b>Dataclearing</b>					
Total national transactions sent	83.00	84.00	90.00	nav	nav
<i>credit transfers</i>	83.00	76.00	82.00	nav	nav
<i>cheques</i>	nav	8.00	8.00	nav	nav
Concentration ratio in terms of volume	nap	nap	nap	nap	nap

<sup>1</sup>Total volume of domestic and cross-border payments sent via TARGET.



**Table 11**  
**Payments processed by selected interbank funds transfer systems: value of transactions**  
*(SEK billions, except as noted, total for the year)*

	2005	2006	2007	2008	2009
<b>Large-value payment systems</b>					
<b>E-RIX (TARGET component; EUR billions)</b>					
Credit transfers sent <sup>1</sup>	2,086.1	1,852.5	nav	nav	nav
<i>credit transfers sent within E-RIX</i>	2,086.1	1,852.5	nav	nav	nav
<i>credit transfers sent to another TARGET component</i>	nav	nav	nav	nav	nav
<i>Memo:</i>					
Credit transfers received from another TARGET component	nav	nav	nav	nav	nav
Concentration ratio in terms of value (%)	99.6	99.6	nap	nap	nap
<b>K-RIX</b>					
Total national transactions sent	111,174.0	124,750.0	122,873.0	136,600.0	174,562.0
<i>credit transfers</i>	111,174.0	124,750.0	122,873.0	136,600.0	174,562.0
Concentration ratio in terms of value (%)	80.3	77.4	78.2	78.9	79.7
<b>Retail payment systems</b>					
<b>Bankgirot, BGC</b>					
Total national transactions sent	5,163.0	5,853.0	686.0	7,200.0	7,050.0
<i>credit transfers</i>	4,869.0	5,523.0	6,329.0	6,816.0	6,650.0
<i>direct debits</i>	294.0	330.0	357.0	384.0	400.0
Concentration ratio in terms of value	nap	nap	nap	nap	nap
<b>Dataclearing</b>					
Total national transactions sent	1,677.6	1,848.9	1,719.5	1,818.0	2,124.0
<i>credit transfers</i>	1,677.6	1,848.9	1,719.5	1,322.0	1,541.0
<i>cheques</i>	nav	496.0	583.0	nav	nav
Concentration ratio in terms of value	nap	nap	nav	nap	nap

<sup>1</sup>Total value of domestic and cross-border payments sent via TARGET.

**Table 12**  
**Participation in SWIFT by domestic institutions**  
*(end of year)*

	2005	2006	2007	2008	2009
Members	7	7	6	6	6
<i>of which: live</i>	7	7	6	6	6
Sub-members	16	15	11	11	11
<i>of which: live</i>	14	14	10	11	11
Participants	15	15	16	16	18
<i>of which: live</i>	14	13	14	15	17
Total users	38	37	33	33	35
<i>of which: live</i>	35	34	30	32	34
<i>Memo:</i>					
Total SWIFT users	7,888	8,105	8,332	8,830	9,281
<i>members</i>	2,231	2,288	2,276	2,276	2,356
<i>sub-members</i>	3,077	3,120	3,212	3,305	3,306
<i>participants</i>	2,580	2,697	2,844	3,249	3,619

Source: SWIFT.

**Table 13**  
**SWIFT message flows to/from domestic users**  
*(thousands, total for the year)*

	2005	2006	2007	2008	2009
Total messages sent	39,519	45,831	57,375	68,433	67,383
<i>of which:</i>					
<i>category I</i>	8,853	7,895	7,042	7,132	7,280
<i>category II</i>	3,875	3,996	4,060	4,188	4,098
Total messages received	29,558	31,042	35,358	38,853	41,252
<i>of which:</i>					
<i>category I</i>	7,457	7,404	7,710	8,098	8,105
<i>category II</i>	4,322	4,637	4,915	4,970	4,677
Domestic traffic	4,873	4,615	4,884	5,410	6,378
<i>Memo:</i>					
Global SWIFT traffic	2,518,285	2,864,537	3,501,163	3,854,576	3,760,314

Source: SWIFT.

**Table 14**  
**Number of participants in exchanges and trading systems**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>OMX Stockholm<sup>1</sup></b>					
Total number of participants	100	nav	nav	85	nav
<i>central bank</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>central counterparties (CCPs)</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>banks</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>other</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Number of domestic participants	nav	nav	nav	nav	nav
Number of foreign participants	nav	nav	nav	nav	nav
<b>NASDAQ OMX Stockholm<sup>1</sup></b>					
Total number of participants	nav	nav	nav	nav	113
<i>central bank</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>central counterparties (CCPs)</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>banks</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>other</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Number of domestic participants	nav	nav	nav	nav	nav
Number of foreign participants	nav	nav	nav	nav	nav

<sup>1</sup>In late 2008, OMX Nordic Exchange Stockholm changed its name to NASDAQ OMX Stockholm.

**Table 15**  
**Number of listed securities**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>OMX Stockholm</b>					
Total number of listed companies	272	276	279	266	nav
debt securities	nap	nap	nap	nap	nap
equity	nap	nap	nap	nap	nap
other	nap	nap	nap	nap	nap
<b>NASDAQ OMX Stockholm</b>					
Total number of listed companies	nav	nav	nav	nav	258
debt securities	nav	nav	nav	nav	nap
equity	nav	nav	nav	nav	nap
other	nav	nav	nav	nav	nap

**Table 16**  
**Market capitalisation of listed companies**  
*(SEK billions, total for the year)*

	2005	2006	2007	2008	2009
<b>OMX Stockholm</b>					
Total market capitalisation/equity	3,507.3	4,275.0	3,959.0	2,239.0	nav
<b>NASDAQ OMX Stockholm</b>					
Total market capitalisation/equity	nav	nav	nav	nav	3,413.0

**Table 17**  
**Number of executed trades**  
*(thousands, total for the year)*

	2005	2006	2007	2008	2009
<b>OMX Stockholm</b>					
Total number of executed securities trades	11,757	17,491	24,912	28,778	nav
equity	11,757	17,491	24,912	28,778	nav
Total number of executed derivatives trades	nav	nav	nav	nav	nav
<b>NASDAQ OMX Stockholm</b>					
Total number of executed securities trades	nav	nav	nav	nav	30,260
equity	nav	nav	nav	nav	30,260
Total number of executed derivatives trades	nav	nav	nav	nav	nav

**Table 18**  
**Value of executed trades**  
*(SEK billions, total for the year)*

	2005	2006	2007	2008	2009
<b>OMX Stockholm</b>					
Total value of executed securities trades	3,763.5	5,521.2	6,524.9	4,694.0	nav
equity	3,763.5	5,521.2	6,524.9	4,694.0	nav
Total value of executed derivatives trades	nav	nav	nav	nav	nav
<b>NASDAQ OMX Stockholm</b>					
Total value of executed securities trades	nav	nav	nav	nav	3,417.0
equity	nav	nav	nav	nav	3,417.0
Total value of executed derivatives trades	nav	nav	nav	nav	nav

**Table 19**  
**Number of clearing members**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>OMXDM<sup>1</sup></b>					
Total number of clearing members	nav	44	46	50	nav
<i>central bank</i>	nav	1	1	1	nav
<i>banks</i>	nav	43	45	49	nav
Number of domestic clearing members	nav	27	26	27	nav
<i>central bank</i>	nav	1	1	1	nav
<i>banks</i>	nav	26	25	26	nav
Number of foreign clearing members	nav	17	20	23	nav
<i>banks</i>	nav	17	20	23	nav
<b>SE Nasdaq OMXDM<sup>2</sup></b>					
Total number of clearing members	nav	nav	nav	nav	82
<i>central bank</i>	nav	nav	nav	nav	1
<i>banks</i>	nav	nav	nav	nav	81
Number of domestic clearing members	nav	nav	nav	nav	24
<i>central bank</i>	nav	nav	nav	nav	1
<i>banks</i>	nav	nav	nav	nav	23
Number of foreign clearing members	nav	nav	nav	nav	58
<i>banks</i>	nav	nav	nav	nav	58

<sup>1</sup> OMX Derivatives Markets, which is a secondary legal name for the OMX Nordic Exchange Stockholm AB. <sup>2</sup> In late 2008 OMX Derivatives Market (DM) changed its name to NASDAQ OMX Derivatives Market (DM).

**Table 20**  
**Number of contracts and transactions cleared**  
*(thousands, total for the year)*

	2005	2006	2007	2008	2009
<b>OMXDM</b>					
Total number of contracts and transactions cleared	nav	107,000	121,974	118,200	nav
Number of exchange-traded derivatives contracts cleared	nav	107,000	121,974	118,200	nav
<i>financial futures</i>	nav	33,000	40,623	55,149	nav
<i>financial options</i>	nav	72,000	79,376	63,051	nav
<i>other financial derivatives</i>	nav	2,000	1,975	nav	nav
<b>SE Nasdaq OMXDM</b>					
Total number of contracts and transactions cleared	nav	nav	nav	nav	83,424
Number of exchange-traded derivatives contracts cleared	nav	nav	nav	nav	83,424
<i>financial futures</i>	nav	nav	nav	nav	40,419
<i>financial options</i>	nav	nav	nav	nav	43,001
<i>other financial derivatives</i>	nav	nav	nav	nav	4

**Table 21**  
**Value of contracts and transactions cleared**  
*(SEK billions, total for the year)*

	2005	2006	2007	2008	2009
<b>OMXDM</b>					
Total value of contracts and transactions cleared	nav	2,794	3,899	3,440	nav
Value of securities transactions cleared	nav	nav	nav	nav	nav
Value of exchange-traded derivatives contracts cleared	nav	2,794	3,899	3,440	nav
<i>financial futures</i>	nav	2,757	3,850	3,390	nav
<i>financial options</i>	nav	37	49	50	nav
Value of OTC derivatives contracts cleared	nav	nav	nav	nav	nav
<b>SE Nasdaq OMXDM</b>					
Total value of contracts and transactions cleared	nav	nav	nav	nav	2741.10
Value of securities transactions cleared	nav	nav	nav	nav	nav
Value of exchange-traded derivatives contracts cleared	nav	nav	nav	nav	2741.10
<i>financial futures</i>	nav	nav	nav	nav	2707.04
<i>financial options</i>	nav	nav	nav	nav	34.06

**Table 22**  
**Number of direct participants in CSDs**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>VPC AB</b>					
Total number of participants	39	41	43	46	nav
<i>central bank</i>	1	1	1	1	nav
<i>central counterparties (CCPs)</i>	1	1	1	1	nav
<i>banks</i>	16	22	24	24	nav
<i>other</i>	21	17	17	20	nav
Number of domestic participants	35	33	33	36	nav
<i>central bank</i>	1	1	1	1	nav
<i>central counterparties (CCPs)</i>	1	1	1	1	nav
<i>banks</i>	13	16	16	16	nav
<i>other</i>	20	15	15	18	nav
Number of foreign participants	4	8	10	10	nav
<i>banks</i>	3	6	8	8	nav
<i>other</i>	1	2	2	2	nav
<b>Euroclear Sweden<sup>1</sup></b>					
Total number of participants	nav	nav	nav	nav	45
<i>central bank</i>	nav	nav	nav	nav	1
<i>central counterparties (CCPs)</i>	nav	nav	nav	nav	2
<i>banks</i>	nav	nav	nav	nav	24
<i>other</i>	nav	nav	nav	nav	18
Number of domestic participants	nav	nav	nav	nav	35
<i>central bank</i>	nav	nav	nav	nav	1
<i>central counterparties (CCPs)</i>	nav	nav	nav	nav	1
<i>banks</i>	nav	nav	nav	nav	17
<i>other</i>	nav	nav	nav	nav	16
Number of foreign participants	nav	nav	nav	nav	10
<i>central counterparties (CCPs)</i>	nav	nav	nav	nav	1
<i>banks</i>	nav	nav	nav	nav	7
<i>other</i>	nav	nav	nav	nav	2

<sup>1</sup> In late 2008 Euroclear acquired VPC. Thus, the name of VPC changed into Euroclear Sweden.

**Table 23**  
**Number of securities held on accounts at CSDs**

Details are not available.

**Table 24**  
**Value of securities held on accounts at CSDs**  
*(SEK billions, end of year)*

	2005	2006	2007	2008	2009
<b>VPC AB</b>					
Total value of securities held	6,909	7,703	6,855	7,226	nav
debt securities	2,296	2,329	2,326	2,868	nav
<i>short-term paper</i>	489	453	453	442	nav
<i>bonds</i>	1,807	1,876	1,873	2,426	nav
equity	3,730	4,543	3,684	2,669	nav
other	883	831	845	1,690	nav
<b>Euroclear Sweden</b>					
Total value of securities held	nav	nav	nav	nav	8,144
debt securities	nav	nav	nav	nav	2,816
<i>short-term paper</i>	nav	nav	nav	nav	500
<i>bonds</i>	nav	nav	nav	nav	2,316
equity	nav	nav	nav	nav	3,940
other	nav	nav	nav	nav	1,388



**Table 25**  
**Number of delivery instructions processed**  
*(millions, total for the year)*

	2005	2006	2007	2008	2009
<b>VPC AB</b>					
Total number of delivery instructions	14.71	20.42	28.084	32.27	nav
DVP	12.83	18.94	26.431	30.71	nav
debt securities	0.42	0.46	0.505	0.45	nav
<i>short-term paper</i>	0.08	0.08	0.087	0.08	nav
<i>bonds</i>	0.34	0.38	0.418	0.37	nav
equity	12.06	17.95	25.352	29.58	nav
other	0.35	0.53	0.574	0.68	nav
free of payment	1.88	1.48	1.653	1.57	nav
debt securities	0.15	0.17	0.233	0.22	nav
<i>short-term paper</i>	0.01	0.02	0.02	0.02	nav
<i>bonds</i>	0.14	0.15	0.213	0.20	nav
equity	1.26	1.26	1.346	1.31	nav
other	0.47	0.05	0.074	0.04	nav
<b>Euroclear Sweden</b>					
Total number of delivery instructions	nav	nav	nav	nav	28.64
DVP	nav	nav	nav	nav	27.21
debt securities	nav	nav	nav	nav	0.36
<i>short-term paper</i>	nav	nav	nav	nav	0.03
<i>bonds</i>	nav	nav	nav	nav	0.32
equity	nav	nav	nav	nav	26.27
other	nav	nav	nav	nav	0.59
free of payment	nav	nav	nav	nav	1.43
debt securities	nav	nav	nav	nav	0.20
<i>short-term paper</i>	nav	nav	nav	nav	0.01
<i>bonds</i>	nav	nav	nav	nav	0.19
equity	nav	nav	nav	nav	1.20
other	nav	nav	nav	nav	0.03

**Table 26**  
**Value of delivery instructions processed**  
*(SEK billions, total for the year)*

	2005	2006	2007	2008	2009
<b>VPC AB</b>					
Total value of delivery instructions	103,123	120,262	129,231	119,587	nav
DVP	93,711	109,553	115,656	100,859	nav
debt securities	88,320	101,580	110,784	92,536	nav
<i>short-term paper</i>	17,538	15,634	18,837	13,163	nav
<i>bonds</i>	70,782	85,946	91,947	79,373	nav
equity	5,378	7,945	4,840	8,306	nav
other	13	28	32	17	nav
free of payment	9,413	10,708	13,575	18,728	nav
debt securities	4,830	4,782	6,281	13,261	nav
<i>short-term paper</i>	881	676	783	1,848	nav
<i>bonds</i>	3,949	4,106	5,498	11,413	nav
equity	4,480	5,788	5,331	3,853	nav
other	102	138	1,963	1,614	nav
<b>Euroclear Sweden</b>					
Total value of delivery instructions	nav	nav	nav	nav	72,191
DVP	nav	nav	nav	nav	54,505
debt securities	nav	nav	nav	nav	48,266
<i>short-term paper</i>	nav	nav	nav	nav	2,891
<i>bonds</i>	nav	nav	nav	nav	45,374
equity	nav	nav	nav	nav	6,217
other	nav	nav	nav	nav	23
free of payment	nav	nav	nav	nav	17,686
debt securities	nav	nav	nav	nav	12,968
<i>short-term paper</i>	nav	nav	nav	nav	6,191
<i>bonds</i>	nav	nav	nav	nav	6,776
equity	nav	nav	nav	nav	3,444
other	nav	nav	nav	nav	1,275

**Table 1**  
**Basic statistical data**

	2005	2006	2007	2008	2009
Population (thousands) <sup>1</sup>	7,501	7,558	7,619	7,711	7,801
GDP (CHF billions)	463.80	490.54	521.10	544.20	535.28
GDP per capita (CHF)	61,832	64,904	68,395	70,573	68,615
Consumer price inflation (%)	1.2	1.1	0.7	2.4	-0.5
Exchange rate (CHF/USD):					
<i>end of year</i>	1.3182	1.2201	1.1240	1.0670	1.0298
<i>average</i>	1.2465	1.2536	1.2001	1.0833	1.0854

<sup>1</sup> Yearly average.

**Table 2**  
**Settlement media used by non-banks**  
(CHF billions, end of year)

	2005	2006	2007	2008	2009
Notes and coin in circulation outside banks and PostFinance	37.19	38.25	38.83	42.67	43.80
Value of transferable deposits <sup>1</sup>	155.01	144.20	142.54	187.65	241.90
Other	98.10	95.92	89.80	98.43	110.96
Narrow money supply (M1) <sup>2</sup>	290.30	278.37	271.17	328.75	396.65
<i>Memo:</i>					
Transferable deposits in foreign currencies	37.85	38.43	49.21	48.42	64.74
Outstanding value on e-money storages <sup>3</sup>	0.025	0.031	0.029	0.027	0.020
<i>on card-based products</i>	0.025	0.031	0.029	0.027	0.020
<i>on software- or network-based products</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>

<sup>1</sup> Sight deposits. <sup>2</sup> Notes and coin in circulation plus sight and other transaction deposits. <sup>3</sup> Value of CASH stored on card.

**Table 3**  
**Settlement media used by banks**  
 (CHF billions, average for December)<sup>1</sup>

	2005	2006	2007	2008	2009
Transferable balances held at the central bank <sup>2</sup>	4.96	5.19	5.08	38.32	40.52
<i>required reserves</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
<i>free reserves</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
Transferable balances held at other banks	76.78	83.59	144.49	145.22	106.99
<i>Memo:</i>					
Credit extended by the central bank:					
<i>intraday</i>	6.81	6.70	9.51	7.09	6.21
<i>overnight</i> <sup>3</sup>	0.62	0.36	-0.30	0.00	0.00
<i>longer refinancing operations (repos)</i> <sup>4</sup>	23.89	22.65	24.81	62.34	35.49

<sup>1</sup> Except for transferable balances held at other banks, which are at end of year. <sup>2</sup> The figure published here includes only sight deposits that are held by banks at the central bank and that are eligible as minimum reserves. Sight deposits at the central bank held by institutions that are not obliged to hold minimum reserves (PostFinance, Non-Banks) are not included in this figure. Banks have to meet minimum reserve requirements, for which vault cash in CHF (banknotes and coins) and all their sight deposits at the central bank are allowable. Therefore, the distinction between required and free reserves is not meaningful. <sup>3</sup> A negative algebraic sign indicates overall liquidity absorbing operations. <sup>4</sup> Including CHF 3.45 billion and CHF 15.04 billion of USD Repo contracts in 2007 and 2008 respectively. No USD Repo contracts in December 2009.

**Table 4**  
**Banknotes and coin**  
 (CHF millions, end of year)

	2005	2006	2007	2008	2009
Total banknotes and coin issued	43,835.0	45,706.6	46,851.4	51,824.9	52,679.2
Total banknotes issued	41,366.6	43,182.2	44,258.6	49,160.8	49,966.2
<i>CHF 1,000</i>	23,238.8	24,096.8	24,406.5	28,288.5	29,236.4
<i>CHF 500</i> <sup>1</sup>	167.4	154.7	145.4	136.8	130.3
<i>CHF 200</i>	6,280.3	6,706.6	7,072.7	7,511.9	7,443.6
<i>CHF 100</i>	7,977.2	8,349.8	8,619.8	9,072.1	8,949.4
<i>CHF 50</i>	1,798.5	1,881.7	1,948.1	2,019.4	2,062.4
<i>CHF 20</i>	1,293.1	1,366.7	1,420.6	1,470.6	1,474.5
<i>CHF 10</i>	611.3	626.1	645.5	661.7	669.8
Total coin issued <sup>2</sup>	2,468.4	2,524.3	2,592.8	2,664.1	2,713.0
<i>of which:</i>					
<i>CHF 5</i>	799.6	819.0	843.0	867.0	881.5
<i>CHF 2</i>	542.6	559.1	575.1	593.2	605.2
<i>CHF 1</i>	375.0	382.8	392.8	404.0	412.8
<i>CHF 0.50</i>	330.7	337.3	348.8	358.6	366.0
<i>CHF 0.20</i>	172.6	176.7	180.8	185.5	189.0
<i>CHF 0.10</i>	90.1	92.2	94.8	97.8	100.1
<i>CHF 0.05</i>	39.8	41.0	42.6	44.5	46.1
<i>CHF 0.01</i>	2.4	2.4	2.4	2.4	2.4
Banknotes and coin held by banks and PostFinance	6,647.8	7,454.6	8,021.4	9,155.8	8,883.4
Banknotes and coin in circulation outside banks and PostFinance	37,187.1	38,252.0	38,830.0	42,669.1	43,795.8

<sup>1</sup> The CHF 500 banknotes were recalled as of 1 May 2000 and are thus no longer legal tender. However, they can be exchanged at the Swiss National Bank at full nominal value for 20 years from this recall date, ie until 30 April 2020. <sup>2</sup> Including commemorative coins denominated CHF 10, 20, 50, 100, 250.

**Table 5**  
**Institutions offering payment services to non-banks**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>Central bank</b>					
Number of branches or offices <sup>1</sup>	8	8	8	8	8
Number of accounts, all (thousands) <sup>2</sup>	0.469	0.459	0.457	0.466	0.485
Value of accounts, all (CHF billions) <sup>3</sup>	6.4	7.2	9.4	43.7	53.3
<b>Banks</b>					
Number of institutions	337	331	330	327	325
Number of branches or offices	2,718	2,694	2,699	2,664	2,639
Number of accounts	nav	nav	nav	nav	nav
Value of accounts (CHF billions) <sup>4</sup>	126.4	114.0	109.0	144.1	189.4
<b>All banks except private banks and branches of foreign banks</b>					
Number of institutions	295	288	286	282	278
Number of branches or offices	2,648	2,629	2,633	2,593	2,561
Value of accounts (CHF billions)	122.1	110.2	104.1	136.4	181.0
<b>Private banks</b>					
Number of institutions	14	14	14	14	14
Number of branches or offices	24	25	27	30	36
Value of accounts (CHF billions)	3.9	3.5	3.9	6.6	7.3
<b>Branches of foreign banks</b>					
Number of institutions	28	29	30	31	33
Number of branches or offices	46	40	39	40	42
Value of accounts (CHF billions)	0.4	0.4	1.1	1.1	1.1
<b>Other institutions offering payment services to non-banks<sup>5</sup></b>					
Number of institutions	1	1	1	1	1
Number of branches or offices <sup>6</sup>	2,531	2,493	2,469	2,408	2,348
Number of accounts (thousands)	3,008	3,154	3,335	3,646	3,881
Value of accounts (CHF billions) <sup>7</sup>	38.2	40.6	43.7	49.3	70.3
<b>Institutions offering payment services to non-banks (total)</b>					
Number of institutions	339	333	332	329	327
Number of branches or offices	5,257	5,195	5,176	5,079	4,995
Number of accounts held by non-banks	nav	nav	nav	nav	nav
Value of accounts held by non-banks (CHF billions)	171.0	161.8	162.1	237.0	312.9
<i>Memo:</i>					
<b>Electronic money institutions</b>					
Number of institutions	1	1	1	1	1
Outstanding value on e-money storages issued by e-money institutions (CHF billions) <sup>8</sup>	0.025	0.031	0.029	0.027	0.020

<sup>1</sup> The Swiss National Bank (SNB) has two head offices (Berne and Zurich), one branch office (Geneva) and five representative offices (Basel, Lausanne, Lucerne, Lugano and St Gallen); apart from the two head offices only Geneva provides cashier services. The cashier office in Lugano was closed at the end of 2006. Nevertheless, the SNB kept a representative office in Lugano responsible for monitoring economic developments and explaining the SNB's policy in the region. <sup>2</sup> Number of sight deposits of banks and non-banks held at the SNB. <sup>3</sup> Not included in the figure for M1 in Table 2. <sup>4</sup> This value is less than that included in the figure for transferable deposits in Table 2 due to differences in the way the figures are compiled. <sup>5</sup> PostFinance. <sup>6</sup> This figure includes also regular post offices in Switzerland, which all offer basic retail banking services. <sup>7</sup> Yearly average. <sup>8</sup> Value of CASH stored on cards.

**Table 6**  
**Payment card functions and accepting devices**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>Cards issued in the country (thousands)</b>					
Cards with a cash function	9,691	10,437	11,270	12,097	12,595
Cards with a debit function <sup>1</sup>	6,333	6,589	6,970	7,607	7,901
Cards with a credit function <sup>2</sup>	3,453	3,872	4,310	4,501	4,701
Cards with an e-money function <sup>3</sup>	4,377	4,617	4,811	5,146	5,006
<i>of which: cards with an e-money function which have been loaded at least once</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Total number of cards (irrespective of the number of functions on the card)	9,877	10,536	11,345	12,166	12,669
<i>of which: cards with a combined debit, cash and e-money function</i>	<i>4,285</i>	<i>4,542</i>	<i>4,746</i>	<i>5,088</i>	<i>4,938</i>
<i>Memo:</i>					
Retailer cards	nav	nav	nav	nav	nav
<b>Terminals located in the country</b>					
ATMs	5,552	5,736	5,930	6,085	6,228
<i>ATMs with a cash withdrawal function</i>	<i>5,552</i>	<i>5,736</i>	<i>5,930</i>	<i>6,085</i>	<i>6,228</i>
<i>ATMs with a credit transfer function</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
POS terminals	110,218	116,594	126,829	140,347	143,403
<i>EFTPOS terminals</i>	<i>110,218</i>	<i>116,594</i>	<i>126,829</i>	<i>140,347</i>	<i>143,403</i>
E-money card terminals <sup>4, 5</sup>	23,910	24,008	18,806	19,227	19,657
<i>e-money card loading/unloading terminals<sup>6</sup></i>	<i>5,552</i>	<i>5,736</i>	<i>5,930</i>	<i>6,085</i>	<i>6,228</i>
<i>e-money card payment terminals<sup>7</sup></i>	<i>18,358</i>	<i>18,272</i>	<i>12,876</i>	<i>13,142</i>	<i>13,429</i>

<sup>1</sup> Maestro and PostFinance Card; prior to 2004, EC-Direct/Maestro and PostFinance Card. <sup>2</sup> American Express, Diners Club, Eurocard/MasterCard and Visa. Includes delayed debit cards. <sup>3</sup> Including 65,200, 58,400 and 67,600 cards with only an e-money function in 2007, 2008 and 2009 respectively. <sup>4</sup> The sharp decline in 2005 and 2006 figures is due to statistical revisions in the data reported by the principal e-money payment solution provider. <sup>5</sup> Total ATMs plus e-money payment terminals. <sup>6</sup> As e-money can only be loaded at ATMs; figure shows the total of ATMs.

**Table 7**  
**Indicators of the use of payment instruments and terminals by non-banks: volume of transactions**  
 (millions, total for the year)

	2005	2006	2007	2008	2009
<b>Transactions per type of payment instrument</b>					
Credit transfers <sup>1</sup>	595.0	618.6	648.1	677.5	702.9
<i>paper-based</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>non-paper-based</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Direct debits <sup>2</sup>	52.2	49.8	43.3	43.6	44.4
Card payments with cards issued in the country	384.0	405.5	438.8	483.8	521.0
<i>payments by cards with a debit function</i>	276.6	292.2	309.1	343.3	371.8
<i>payments by cards with a credit function</i> <sup>3</sup>	107.4	113.2	129.8	140.6	149.2
E-money payment transactions	19.2	18.8	17.7	17.3	15.8
<i>by cards with an e-money function</i>	19.2	18.8	17.7	17.3	15.8
<i>through other e-money storages</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
Cheques <sup>4</sup>	1.8	1.5	1.3	1.0	0.7
Total number of transactions with payment instruments <sup>1</sup>	1,052.2	1,094.1	1,149.2	1,223.2	1,284.8
<i>of which: cross-border transactions sent</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>Memo:</i>					
Cross-border transactions received	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<b>Transactions per type of terminal</b>					
Total transactions at terminals in the country					
Cash transactions	109.2	111.4	114.0	118.7	120.3
<i>ATM cash withdrawals</i>	109.2	111.4	114.0	118.7	120.3
<i>ATM cash deposits</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
POS payment transactions	361.3	381.8	415.5	465.4	497.0
E-money card loading/unloading transactions <sup>5</sup>	1.0	1.0	1.1	1.0	1.0
E-money card payment transactions	19.2	18.8	17.7	17.3	15.8
a) Transactions at terminals in the country by cards issued in the country					
Cash transactions	103.6	105.4	107.4	111.6	113.7
<i>ATM cash withdrawals</i>	103.6	105.4	107.4	111.6	113.7
<i>ATM cash deposits</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
POS payment transactions	336.0	354.0	382.8	423.4	453.8
E-money card loading/unloading transactions <sup>5</sup>	1.0	1.0	1.1	1.0	1.0
E-money card payment transactions	19.2	18.8	17.7	17.3	15.8
b) Transactions at terminals in the country by cards issued outside the country					
Cash transactions	5.6	6.0	6.6	7.1	6.7
<i>ATM cash withdrawals</i>	5.6	6.0	6.6	7.1	6.7
<i>ATM cash deposits</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
POS payment transactions	25.3	27.9	32.7	41.3	42.5
E-money card loading/unloading transactions	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
E-money card payment transactions	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
c) Transactions at terminals outside the country by cards issued in the country					
Cash transactions	9.3	9.9	10.7	11.5	12.4
<i>ATM cash withdrawals</i>	9.3	9.9	10.7	11.5	12.4
<i>ATM cash deposits</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
POS payment transactions	48.1	51.6	56.0	60.4	67.2
E-money card loading/unloading transactions	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
E-money card payment transactions	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>

<sup>1</sup> Due to statistical revisions, data for credit transfers do not correspond to those published before 2007 where interbank payments were also included. Figures show retail credit transfers cleared and settled in the Swiss Interbank Clearing system and at PostFinance. Excluding credit-transfers related to securities transactions. <sup>2</sup> Due to modifications in the settlement of direct debits in the Swiss Interbank Clearing system, data after 2006 is only partially comparable to that of previous years. <sup>3</sup> Includes delayed debit cards. <sup>4</sup> Bank cheques, Swiss Bankers traveller's cheques and Postcheques. <sup>5</sup> Only e-money card loading transactions are included.

**Table 8**  
**Indicators of the use of payment instruments and terminals by non-banks: value of transactions**  
 (CHF billions, total for the year)

	2005	2006	2007	2008	2009
<b>Transactions per type of payment instrument</b>					
Credit transfers <sup>1</sup>	3,440.4	3,721.9	3,957.4	4,177.2	3,970.4
<i>paper-based</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>non-paper-based</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Direct debits <sup>2</sup>	80.5	79.1	61.2	64.5	62.2
Card payments with cards issued in the country	65.8	70.1	75.9	80.5	81.6
<i>payments by cards with a debit function</i>	44.7	47.3	50.0	53.3	55.2
<i>payments by cards with a credit function</i> <sup>3</sup>	21.1	22.9	25.9	27.2	26.4
E-money payment transactions	0.07	0.07	0.08	0.07	0.07
<i>by cards with an e-money function</i>	0.07	0.07	0.08	0.07	0.07
<i>through other e-money storages</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
Cheques <sup>4</sup>	3.9	3.2	2.7	2.5	2.0
Total value of transactions with payment instruments <sup>1</sup>	3,590.6	3,874.4	4,097.3	4,324.7	4,116.3
<i>of which: cross-border transactions sent</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>Memo:</i>					
Cross-border transactions received	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<b>Transactions per type of terminal</b>					
Total transactions at terminals in the country					
Cash transactions	24.9	25.2	25.2	26.0	26.3
<i>ATM cash withdrawals</i>	24.9	25.2	25.2	26.0	26.3
<i>ATM cash deposits</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
POS payment transactions	60.4	64.3	69.6	75.3	76.2
E-money card loading/unloading transactions <sup>5</sup>	0.08	0.08	0.08	0.08	0.08
E-money card payment transactions	0.07	0.07	0.08	0.07	0.07
a) Transactions at terminals in the country by cards issued in the country					
Cash transactions	23.6	23.7	23.6	24.3	24.7
<i>ATM cash withdrawals</i>	23.6	23.7	23.6	24.3	24.7
<i>ATM cash deposits</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
POS payment transactions	55.8	59.0	63.2	67.5	68.7
E-money card loading/unloading transactions <sup>5</sup>	0.08	0.08	0.08	0.08	0.08
E-money card payment transactions	0.07	0.07	0.08	0.07	0.07
b) Transactions at terminals in the country by cards issued outside the country					
Cash transactions	1.3	1.5	1.6	1.8	1.6
<i>ATM cash withdrawals</i>	1.3	1.5	1.6	1.8	1.6
<i>ATM cash deposits</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
POS payment transactions	4.6	5.3	6.4	7.7	7.4
E-money card loading/unloading transactions	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
E-money card payment transactions	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
c) Transactions at terminals outside the country by cards issued in the country					
Cash transactions	3.0	3.2	3.6	3.7	3.8
<i>ATM cash withdrawals</i>	3.0	3.2	3.6	3.7	3.8
<i>ATM cash deposits</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
POS payment transactions	10.0	11.2	12.7	13.0	12.8
E-money card loading/unloading transactions	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
E-money card payment transactions	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>

<sup>1</sup> Due to statistical revisions, data for credit transfers do not correspond to those published before 2007 where interbank payments were also included. Figures shows retail credit transfers cleared and settled in the Swiss Interbank Clearing system and at PostFinance. Excluding credit-transfers related to securities transactions. <sup>2</sup> Due to modifications in the settlement of direct debits in the Swiss Interbank Clearing system, data after 2006 is only partially comparable to that of previous years. <sup>3</sup> Includes delayed debit cards. <sup>4</sup> Bank cheques, Swiss Bankers traveller's cheques and Postcheques. <sup>5</sup> Only e-money card loading transactions are included.



**Table 9**  
**Participation in selected interbank funds transfer systems**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>Swiss Interbank Clearing (SIC)</b>					
Number of participants	325	330	346	356	376
Direct participants	325	330	346	356	376
Banks	315	318	334	344	364
Central bank	1	1	1	1	1
Other direct participants	9	11	11	11	11
General government	1	1	1	1	1
Postal institution	1	1	1	1	1
Clearing and settlement organisations <sup>1</sup>	1	1	1	1	1
Other financial institutions	0	0	0	0	0
Other	6	8	8	8	8
Indirect participants	0	0	0	0	0

<sup>1</sup> CLS.

**Table 10**  
**Payments processed by selected interbank funds transfer systems: volume of transactions**  
*(millions, total for the year)*

	2005	2006	2007	2008	2009
<b>Large-value and retail payment systems</b>					
<b>Swiss Interbank Clearing (SIC)</b>	256.4	317.1	356.8	371.6	381.7
of which:					
payments on data carrier or file transfer <sup>1</sup>	66.8	28.1	0	nap	nap
cheques <sup>2</sup>	nap	nap	nap	nap	nap
Concentration ratio in terms of volume (%)	62.2	63.1	62.4	62.3	62.0

<sup>1</sup> Until 2006 including LSV (conventional direct debit), until 2005 including DTA (data media exchange facility). Due to the alteration of direct debit and credit transfer clearing procedures, no payments on data carrier or file transfer are being settled through SIC as of 2007. <sup>2</sup> As of 2005, cheques are no longer centrally processed in SIC.

**Table 11**  
**Payments processed by selected interbank funds transfer systems: value of transactions**  
*(CHF billions, total for the year)*

	2005	2006	2007	2008	2009
<b>Large-value and retail payment systems</b>					
<b>Swiss Interbank Clearing (SIC)</b>	41,056.5	44,833.2	52,284.2	58,043.6	56,825.9
of which:					
payments on data carrier or file transfer <sup>1</sup>	193.6	61.4	0	nap	nap
cheques <sup>2</sup>	nap	nap	nap	nap	nap
Concentration ratio in terms of value (%)	69.5	68.7	68.2	67.3	73.2

<sup>1</sup> Until 2006 including LSV (conventional direct debit), until 2005 including DTA (data media exchange facility). Due to the alteration of direct debit and credit transfer clearing procedures, no payments on data carrier or file transfer are being settled through SIC as of 2007. <sup>2</sup> As of 2005, cheques are no longer centrally processed in SIC.

**Table 12**  
**Participation in SWIFT by domestic institutions**  
*(end of year)*

	2005	2006	2007	2008	2009
Members	97	100	100	98	99
<i>of which: live</i>	97	100	100	98	99
Sub-members	78	83	81	81	84
<i>of which: live</i>	78	81	80	79	84
Participants	80	89	96	112	127
<i>of which: live</i>	79	86	90	101	121
Total users	255	272	277	291	310
<i>of which: live</i>	254	267	270	278	304
<i>Memo:</i>					
Total SWIFT users	7,888	8,105	8,332	8,830	9,281
<i>members</i>	2,231	2,288	2,276	2,276	2,356
<i>sub-members</i>	3,077	3,120	3,212	3,305	3,306
<i>participants</i>	2,580	2,697	2,844	3,249	3,619

Source: SWIFT.

**Table 13**  
**SWIFT message flows to/from domestic users**  
*(thousands, total for the year)*

	2005	2006	2007	2008	2009
Total messages sent	89,342	99,121	122,747	131,868	123,652
<i>of which:</i>					
<i>category I</i>	13,842	14,366	14,793	15,458	16,878
<i>category II</i>	9,417	10,550	14,051	11,851	8,580
Total messages received	99,173	105,540	125,485	132,164	132,339
<i>of which:</i>					
<i>category I</i>	9,598	10,346	11,091	11,736	12,440
<i>category II</i>	5,988	6,167	6,238	6,285	5,478
Domestic traffic	23,927	20,101	22,734	26,583	28,275
<i>Memo:</i>					
Global SWIFT traffic	2,518,285	2,864,537	3,501,163	3,854,576	3,760,314

Source: SWIFT.

**Table 14**  
**Number of participants in exchanges and trading systems**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>SIX Swiss Exchange<sup>1</sup></b>					
Total number of participants	87	90	95	97	112
<i>banks<sup>2</sup></i>	87	90	95	97	112
Number of domestic participants <sup>3</sup>	55	56	59	60	61
<i>banks<sup>2</sup></i>	55	56	59	60	61
Number of foreign participants	32	34	36	37	51
<i>banks<sup>2</sup></i>	32	34	36	37	51

<sup>1</sup> Between June 2001 and April 2009, Swiss blue chips were traded on virt-x. virt-x was a Recognised Investment Exchange (RIE) based in London (for figures on virt-x during this period, see the United Kingdom). Since May 2009, Swiss blue chips are traded at the SIX Swiss Exchange. <sup>2</sup> Includes banks and securities dealers. <sup>3</sup> Participants are considered domestic if the legal entity is incorporated in Switzerland and regulated by the FINMA (Swiss Financial Market Supervisory Authority).

**Table 15**  
**Number of listed securities**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>SIX Swiss Exchange<sup>1</sup></b>					
Total number of listed securities	7,940	12,108	20,920	23,773	25,680
<i>debt securities</i>	1,235	1,271	1,334	1,364	1,404
<i>bonds</i>	1,235	1,271	1,334	1,364	1,404
<i>equity</i>	404	386	378	361	339
<i>other</i>	6,301	10,451	19,208	22,048	23,937

<sup>1</sup> Some of the securities listed at SIX Swiss Exchange are not traded on SIX Swiss Exchange but are traded on Scoach Switzerland.

**Table 16**  
**Market capitalisation of listed companies**  
*(CHF billions, end of year)*

	2005	2006	2007	2008	2009
<b>SIX Swiss Exchange</b>					
Total market capitalisation/equity <sup>1</sup>	1,237.11	1,480.11	1,443.01	918.17	1,100.67

<sup>1</sup> Market capitalisation encompasses all listed Swiss domestic equities, no free float weighting.

**Table 17****Number of executed trades***(thousands, total for the year)*

	2005	2006	2007	2008	2009
<b>SIX Swiss Exchange</b>					
Total number of executed securities trades	4,318.07	5,680.19	8,714.37	7,843.72	33,273.58
<i>debt securities</i>	530.60	477.15	461.43	558.77	591.66
<i>bonds</i>	530.60	477.15	461.43	558.77	591.66
<i>equity</i> <sup>1</sup>	3,639.34	5,037.87	8,008.13	6,934.05	32,115.28
<i>other</i>	148.14	165.17	244.81	350.90	566.65
Total number of executed derivatives trades	1,184.68	1,918.85	2,539.43	2,210.55	1,498.16
<i>financial futures</i>	0	0	0	0	0
<i>financial options</i>	0	0	0	0	0
<i>other financial derivatives</i> <sup>2</sup>	1,184.68	1,918.85	2,539.43	2,210.55	1,498.16

<sup>1</sup> Between June 2001 and April 2009, Swiss blue chips were traded on virt-x. virt-x was a Recognised Investment Exchange (RIE) based in London (for figures on virt-x during this period, see the United Kingdom). Since Mai 2009 Swiss blue chips are traded at the SIX Swiss Exchange. <sup>2</sup> They are traded on Scoach Switzerland.

**Table 18****Value of executed trades***(CHF billions, total for the year)*

	2005	2006	2007	2008	2009
<b>SIX Swiss Exchange</b>					
Total value of executed securities trades	304.37	336.56	407.50	354.77	1,094.16
<i>debt securities</i>	186.88	174.44	172.07	201.01	171.45
<i>bonds</i>	186.88	174.44	172.07	201.01	168.26
<i>equity</i> <sup>1</sup>	102.10	143.22	207.92	113.03	867.28
<i>other</i>	15.39	18.90	27.51	40.73	55.43
Total value of executed derivatives trades	32.32	48.08	75.39	60.38	37.09
<i>financial futures</i>	0	0	0	0	0
<i>financial options</i>	0	0	0	0	0
<i>other financial derivatives</i> <sup>2</sup>	32.32	48.08	75.39	60.38	37.09

<sup>1</sup> Between June 2001 and April 2009, Swiss blue chips were traded on virt-x. virt-x was a Recognised Investment Exchange (RIE) based in London (for figures on virt-x during this period, see the United Kingdom). Since Mai 2009 Swiss blue chips are traded at the SIX Swiss Exchange. <sup>2</sup> They are traded on Scoach Switzerland.

**Table 19**  
**Number of clearing members**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>SIX x-clear<sup>1</sup></b>					
Total number of clearing members	57	59	73	75	74
<i>banks</i>	57	59	73	75	74
Number of domestic clearing members <sup>1</sup>	51	52	55	56	55
<i>banks</i>	51	52	55	56	55
Number of foreign clearing members	6	7	18	19	19
<i>banks</i>	6	7	18	19	19

<sup>1</sup> Clearing members are considered domestic if the legal entity is incorporated in Switzerland and regulated by the FINMA (Swiss Financial Market Supervisory Authority).

**Table 20**  
**Number of contracts and transactions cleared**  
*(thousands, total for the year)*

	2005	2006	2007	2008	2009
<b>SIX x-clear<sup>1</sup></b>					
Total number of contracts and transactions cleared	10,600	15,800	28,500	50,800	68,700
Number of securities transactions cleared <i>equity<sup>2</sup></i>	10,600 <i>10,600</i>	15,800 <i>15,800</i>	28,500 <i>28,500</i>	50,800 <i>50,800</i>	68,700 <i>68,700</i>
<i>of which: number of repurchase transactions cleared</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>
Number of exchange-traded derivatives contracts cleared	0	0	0	0	0
Number of OTC derivatives contracts cleared	0	0	0	0	0

<sup>1</sup> Transactions cleared between x-clear and LCH are counted half. <sup>2</sup> As from September 2007, ETFs are included.

**Table 21**  
**Value of contracts and transactions cleared**  
*(CHF billions, total for the year)*

	2005	2006	2007	2008	2009
<b>SIX x-clear<sup>1</sup></b>					
Total value of contracts and transactions cleared	808.7	1,066.2	1,744.4	1,694.1	1,369.4
Value of securities transactions cleared <i>equity<sup>2</sup></i>	808.7 <i>808.7</i>	1,066.2 <i>1,066.2</i>	1,744.4 <i>1,744.4</i>	1,694.1 <i>1,694.1</i>	1,369.4 <i>1,369.4</i>
<i>of which: value of repurchase transactions cleared</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>
Value of exchange-traded derivatives contracts cleared	0	0	0	0	0
Value of OTC derivatives contracts cleared	0	0	0	0	0

<sup>1</sup> Transactions cleared between x-clear and LCH are counted half. <sup>2</sup> As from September 2007, ETFs are included.

**Table 22**  
**Number of direct participants in CSDs**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>SIX SIS</b>					
Total number of participants <sup>1</sup>	437	391	402	431	443
Number of domestic participants	nav	nav	nav	nav	nav
Number of foreign participants	nav	nav	nav	nav	nav

<sup>1</sup> 2006 figures as of end-January 2007; figures for 2006 and 2007 not directly comparable to earlier data as the method of calculation has been revised.

**Table 23**  
**Number of securities held on accounts at CSDs**  
*(thousands, end of year)*

	2005	2006	2007	2008	2009
<b>SIX SIS</b>					
Total number of securities held	107.69	110.93	152.07	168.41	202.24
<b>Swiss and Principality of Liechtenstein ISIN</b>					
Total number of securities held	15.47	20.22	40.85	41.27	55.45
<b>Non-Swiss or Principality of Liechtenstein ISIN</b>					
Total number of securities held	92.23	90.71	111.22	127.14	146.79

**Table 24**  
**Value of securities held on accounts at CSDs**  
*(CHF billions, end of year)*

	2005	2006	2007	2008	2009
<b>SIX SIS</b>					
Total value of securities held	2,527.6	2,993.2	3,086.4	2,447.8	2,859.6
<b>Swiss and Principality of Liechtenstein ISIN</b>					
Total value of securities held	2,086.0	2,477.1	2,410.4	1,850.9	2,100.8
<b>Non-Swiss or Principality of Liechtenstein ISIN</b>					
Total value of securities held	441.6	516.1	676.0	596.9	758.7

**Table 25****Number of delivery instructions processed***(thousands, total for the year)*

	2005	2006	2007	2008	2009
<b>SIX SIS</b>					
Total number of delivery instructions <sup>1</sup>	25,110	32,829	49,577	69,324	55,814
<b>Settlement in SIX SIS</b>					
Total number of delivery instructions <sup>1,2</sup>	22,420	29,421	45,374	64,661	50,883
<b>Settlement outside SIX SIS</b>					
Total number of delivery instructions <sup>3</sup>	2,689	3,408	4,203	4,663	4,932

<sup>1</sup> Gross before netting; excluding delivery instructions related to transfers between the accounts of the same participant.<sup>2</sup> Delivery instructions settled at SIX SIS. <sup>3</sup> Delivery instructions settled at foreign Custodian/(I)CSD; gross before netting.**Table 26****Value of delivery instructions processed***(CHF billions, total for the year)*

	2005	2006	2007	2008	2009
<b>SIX SIS</b>					
Total value of delivery instructions <sup>1</sup>	10,742.1	11,881.6	13,660.2	17,638.3	13,694.7

<sup>1</sup> Based on settlement values in SIC.



**Table 1**  
**Basic statistical data**

	2005	2006	2007	2008	2009
Population (thousands)	nap	nap	70,586	71,517	72,561
GDP (TRY billions)	648.93	758.39	843.18	950.53	952.64
GDP per capita (TRY)	nap	nap	11,945	13,291	13,129
Consumer price inflation (%)	7.7	9.7	8.4	10.1	6.5
Exchange rate (TRY/USD):					
<i>end of year</i>	1.3418	1.4056	1.1647	1.5123	1.5057
<i>average</i>	1.3408	1.4311	1.3015	1.2929	1.5471

**Table 2**  
**Settlement media used by non-banks**  
*(TRY billions, end of year)*

	2005	2006	2007	2008	2009
Notes and coin in circulation outside banks	18.28	24.68	26.16	30.57	35.40
Value of transferable deposits	43.80	47.33	51.34	56.20	73.11
Narrow money supply (M1)	61.99	71.77	76.35	85.48	107.35
<i>Memo:</i>					
Transferable deposits in foreign currencies	18.52	22.81	21.62	23.14	28.42
Outstanding value on e-money storages	nav	nav	nav	nav	nav

**Table 3**  
**Settlement media used by banks**  
 (TRY billions, average for December)

	2005	2006	2007	2008	2009
Transferable balances held at the central bank	12.561	16.174	19.203	24.941	23.740
<i>required reserves</i>	12.132	15.971	18.929	24.266	23.141
<i>free reserves</i>	0.429	0.203	0.274	0.675	0.599
Transferable balances held at other banks <sup>1</sup>	30.123	37.562	28.878	43.604	47.391
<i>Memo:</i>					
Credit extended by the central bank: <sup>2</sup>					
<i>intraday</i>	0.005	0.005	0.000	0.000	0.001
<i>overnight</i>	-5.941	-3.847	-6.527	-13.565	-12.603
<i>longer refinancing operations (repos)</i>	-0.836	1.445	-0.784	16.553	27.767

<sup>1</sup> Due from banks-domestic, due from banks abroad (sight free accounts), due from interbank market. <sup>2</sup> A negative sign indicates overall liquidity absorbing operations.

**Table 4**  
**Banknotes and coin**  
 (TRY millions, end of year)

	2005	2006	2007	2008	2009
Total banknotes and coin issued	20,173.9	27,496.1	28,151.8	32,521.1	39,242.2
Total banknotes issued	19,612.0	26,815.2	27,429.4	31,743.4	38,340.3
<i>TRY 100</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	6,071.4
<i>TRY 50</i>	4,906.7	7,642.0	8,486.0	13,094.2	16,197.7
<i>TRY 20</i>	8,207.5	13,656.2	13,782.6	13,999.3	11,430.8
<i>TRY 10</i>	4,679.0	3,697.9	3,270.4	2,804.1	2,703.3
<i>TRY 5</i>	1,216.5	1,222.4	1,234.1	1,207.3	1,287.0
<i>TRY 2</i>	492.3	516.0	577.1	570.7	590.5
<i>TRY 1</i>	110.0	80.7	79.2	67.9	59.5
Total coin issued	561.9	680.9	722.4	777.7	901.9
<i>of which:</i>					
<i>TRY 1</i>	305.2	374.5	431.0	464.1	547.7
<i>TRY 0.50</i>	102.0	124.4	135.4	144.6	154.7
<i>TRY 0.25</i>	66.0	74.2	68.7	74.1	87.8
<i>TRY 0.10</i>	61.6	73.0	59.2	64.1	73.7
<i>TRY 0.05</i>	25.5	33.3	26.4	29.2	36.2
<i>TRY 0.01</i>	1.5	1.6	1.6	1.6	1.7
Banknotes and coin held by banks	1,897.8	2,819.7	1,988.2	1,952.9	3,842.6
Banknotes and coin in circulation outside banks	18,276.1	24,676.4	26,163.6	30,568.1	35,399.6

**Table 5**  
**Institutions offering payment services to non-banks**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>Central bank</b>					
Number of branches or offices	21	21	21	21	21
Number of accounts, all	nav	nav	nav	nav	nav
Value of accounts, all (TRY billions)	764.2	990.8	842.0	968.1	1,114.4
<b>Banks</b>					
Number of institutions	51	50	50	49	49
Number of branches or offices	6,537	7,204	8,040	9,320	9,587
Number of accounts (thousands)	102,993	83,291	94,221	98,674	106,198
<i>of which: number of internet/PC-linked accounts (thousands)</i>	3,325	3,668	4,728	5,807	6,778
Value of accounts (TRY billions)	261.9	324.1	371.9	472.7	534.1
<b>Public banks</b>					
Number of institutions	3	3	3	3	3
Number of branches or offices	2,035	2,149	2,203	2,416	2,530
Value of accounts (TRY billions)	95.6	111.7	128.0	161.3	187.1
<b>Private banks</b>					
Number of institutions	17	14	11	11	11
Number of branches or offices	3,799	3,582	3,625	4,290	4,390
Value of accounts (TRY billions)	145.7	163.7	177.5	231.9	254.7
<b>Investment Banks</b>					
Number of institutions	13	13	13	13	13
Number of branches or offices	19	45	48	49	44
Value of accounts (TRY billions)	0	0	0	0	0
<b>SDIF-controlled Banks</b>					
Number of institutions	1	1	1	1	1
Number of branches or offices	1	1	1	1	1
Value of accounts (TRY billions)	0.06	0.05	0.04	0.04	0.03
<b>Participation Banks</b>					
Number of institutions	4	4	4	4	4
Number of branches or offices	290	355	422	530	560
Value of accounts (TRY billions)	8.4	11.2	14.9	19.2	26.8
<b>Branches of foreign banks</b>					
Number of institutions	13	15	18	17	17
Number of branches or offices	393	1,072	1,741	2,034	2,062
Value of accounts (TRY billions)	12.2	37.4	51.5	60.2	65.4
<b>Other institutions offering payment services to non-banks<sup>1</sup></b>					
Number of institutions	1	1	1	1	1
Number of branches or offices	2,936	3,043	3,163	3,194	3,252
Number of accounts (thousands)	522	692	948	1,153	1,436
Value of accounts (TRY billions)	0	0	0	0	0
<b>Institutions offering payment services to non-banks (total)</b>					
Number of institutions	53	52	52	51	51
Number of branches or offices	9,494	10,268	11,224	12,535	12,860
Number of accounts held by non-banks (thousands)	103,514	83,984	95,169	99,827	107,634
<i>of which: number of internet/PC-linked accounts (thousands)</i>	3,325	3,668	4,728	5,807	6,778
Value of accounts held by non-banks (TRY billions)	1,026.2	1,314.8	1,213.9	1,440.8	1,648.5
<i>Memo:</i>					
<b>Electronic money institutions</b>					
Number of institutions	4	4	4	4	4
Outstanding value on e-money storages issued by e-money institutions	nav	nav	nav	nav	nav

<sup>1</sup> PTT, Turkish postal organisation.

**Table 6**  
**Payment card functions and accepting devices**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>Cards issued in the country (thousands)</b>					
Cards with a cash function	27,637	29,886	33,870	38,144	38,531
Cards with a debit function	48,243	53,464	55,510	60,551	64,662
Cards with a credit function	29,978	32,433	37,335	43,394	44,393
Cards with an e-money function	nap	nap	nap	nap	nap
Total number of cards (irrespective of the number of functions on the card)	78,222	85,897	92,845	103,946	109,055
<i>of which: cards with a combined debit, cash and e-money function</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
<i>Memo:</i>					
Retailer cards	nap	nap	nap	nap	nap
<b>Terminals located in the country</b>					
ATMs	14,823	16,511	18,800	21,970	23,968
<i>ATMs with a cash withdrawal function</i>	<i>14,823</i>	<i>16,511</i>	<i>18,800</i>	<i>21,970</i>	<i>23,968</i>
<i>ATMs with a credit transfer function</i>	<i>14,823</i>	<i>16,511</i>	<i>18,800</i>	<i>21,970</i>	<i>23,800</i>
POS terminals	1,140,957	1,282,658	1,453,877	1,632,639	1,738,728
<i>EFTPOS terminals</i>	<i>1,087,035</i>	<i>1,221,718</i>	<i>1,417,931</i>	<i>1,592,715</i>	<i>1,714,996</i>
E-money card terminals	nap	nap	nap	nap	nap

**Table 7**  
**Indicators of the use of payment instruments and terminals by non-banks: volume of transactions**  
*(millions, total for the year)*

	2005	2006	2007	2008	2009
<b>Transactions per type of payment instrument</b>					
Credit transfers	nav	nav	nav	nav	nav
<i>paper-based</i>	nav	nav	nav	nav	nav
<i>non-paper-based</i>	nav	nav	nav	nav	nav
Direct debits	nap	nap	nap	nap	nap
Card payments with cards issued in the country	1275.0	1325.0	1444.0	1713.0	1910.0
<i>payments by cards with a debit function</i>	33.8	50.1	73.9	106.8	153.9
<i>payments by cards with a credit function</i>	1241.0	1274.0	1370.0	1606.0	1757.0
E-money payment transactions	nav	nav	nav	nav	nav
Cheques	nap	nap	nap	nap	nap
Other payment instruments	nap	nap	nap	nap	nap
Total number of transactions with payment instruments	1275.0	1325.0	1444.0	1713.0	1910.0
<i>of which: cross-border transactions sent</i>	nav	nav	nav	nav	nav
<i>Memo:</i>					
Cross-border transactions received	nav	nav	nav	nav	nav
<b>Transactions per type of terminal</b>					
Total transactions at terminals in the country					
Cash transactions	548.7	583.2	626.0	679.6	749.0
<i>ATM cash withdrawals</i>	548.7	583.2	629.0	679.6	749.0
<i>ATM cash deposits</i>	nav	nav	nav	nav	nav
POS payment transactions	1276.0	1324.0	1441.0	1708.0	1905.0
E-money card loading/unloading transactions	nav	nav	nav	nav	nav
E-money card payment transactions	nap	nap	nap	nap	nap
a) Transactions at terminals in the country by cards issued in the country					
Cash transactions	540.0	575.4	617.7	670.4	739.3
<i>ATM cash withdrawals</i>	540.0	575.4	617.4	670.4	739.3
<i>ATM cash deposits</i>	nav	nav	nav	nav	nav
POS payment transactions	1267.0	1315.0	1432.0	1697.0	1894.0
E-money card loading/unloading transactions	nav	nav	nav	nav	nav
E-money card payment transactions	nap	nap	nap	nap	nap
b) Transactions at terminals in the country by cards issued outside the country					
Cash transactions	8.8	7.9	8.3	9.1	9.8
<i>ATM cash withdrawals</i>	8.8	7.9	8.3	9.1	9.8
<i>ATM cash deposits</i>	nav	nav	nav	nav	nav
POS payment transactions	8.4	8.5	9.6	10.8	11.7
E-money card loading/unloading transactions	nav	nav	nav	nav	nav
E-money card payment transactions	nap	nap	nap	nap	nap
c) Transactions at terminals outside the country by cards issued in the country					
Cash transactions	1.3	2.2	1.9	2.0	2.2
<i>ATM cash withdrawals</i>	1.3	2.2	1.9	2.0	2.2
<i>ATM cash deposits</i>	nav	nav	nav	nav	nav
POS payment transactions	7.6	9.5	12.2	15.9	17.0
E-money card loading/unloading transactions	nav	nav	nav	nav	nav
E-money card payment transactions	nap	nap	nap	nap	nap

**Table 8**  
**Indicators of the use of payment instruments and terminals by non-banks: value of transactions**  
 (TRY billions, total for the year)

	2005	2006	2007	2008	2009
<b>Transactions per type of payment instrument</b>					
Credit transfers	nav	nav	nav	nav	nav
<i>paper-based</i>	nav	nav	nav	nav	nav
<i>non-paper-based</i>	nav	nav	nav	nav	nav
Direct debits	nap	nap	nap	nap	nap
Card payments with cards issued in the country	78.3	100.3	130.4	169.3	188.3
<i>payments by cards with a debit function</i>	0.9	1.5	2.3	3.4	4.9
<i>payments by cards with a credit function</i>	77.4	98.8	128.0	165.9	183.4
E-money payment transactions	nav	nav	nav	nav	nav
Cheques	nap	nap	nap	nap	nap
Other payment instruments	nap	nap	nap	nap	nap
Total value of transactions with payment instruments	78.3	100.3	130.4	169.3	188.3
<i>of which: cross-border transactions sent</i>	nav	nav	nav	nav	nav
<i>Memo:</i>					
Cross-border transactions received	nav	nav	nav	nav	nav
<b>Transactions per type of terminal</b>					
Total transactions at terminals in the country					
Cash transactions	97.6	118.9	142.3	171.4	202.5
<i>ATM cash withdrawals</i>	97.6	118.9	142.3	171.4	202.5
<i>ATM cash deposits</i>	nav	nav	nav	nav	nav
POS payment transactions	79.2	101.0	131.6	170.8	190.1
E-money card loading/unloading transactions	nav	nav	nav	nav	nav
E-money card payment transactions	nap	nap	nap	nap	nap
a) Transactions at terminals in the country by cards issued in the country					
Cash transactions	95.4	116.6	139.9	168.4	199.1
<i>ATM cash withdrawals</i>	95.4	116.6	139.9	168.4	199.1
<i>ATM cash deposits</i>	nav	nav	nav	nav	nav
POS payment transactions	76.9	98.4	128.2	166.6	185.3
E-money card loading/unloading transactions	nav	nav	nav	nav	nav
E-money card payment transactions	nap	nap	nap	nap	nap
b) Transactions at terminals in the country by cards issued outside the country					
Cash transactions	2.2	2.3	2.5	2.9	3.4
<i>ATM cash withdrawals</i>	2.2	2.3	2.5	2.9	3.4
<i>ATM cash deposits</i>	nav	nav	nav	nav	nav
POS payment transactions	2.3	2.5	3.5	4.2	4.8
E-money card loading/unloading transactions	nav	nav	nav	nav	nav
E-money card payment transactions	nap	nap	nap	nap	nap
c) Transactions at terminals outside the country by cards issued in the country					
Cash transactions	0.2	0.4	0.4	0.4	0.5
<i>ATM cash withdrawals</i>	0.2	0.4	0.4	0.4	0.5
<i>ATM cash deposits</i>	nav	nav	nav	nav	nav
POS payment transactions	1.4	1.8	2.2	2.7	3.0
E-money card loading/unloading transactions	nav	nav	nav	nav	nav
E-money card payment transactions	nap	nap	nap	nap	nap

**Table 9**  
**Participation in selected interbank funds transfer systems**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>Large-value payment systems</b>					
<b>TIC-RTGS</b>					
Number of participants	50	48	48	48	48
Direct participants	50	48	48	48	48
Banks	49	47	47	47	47
Central bank	1	1	1	1	1
Other direct participants	nap	nap	nap	nap	nap
Indirect participants	nap	nap	nap	nap	nap
<b>Retail payment systems</b>					
<b>BKM</b>					
Number of participants	34	34	32	32	32
Direct participants	34	34	32	32	32
Banks	34	34	32	32	32
Central bank	0	0	0	0	0
Other direct participants	0	0	0	0	0
Indirect participants	0	0	0	0	0
<b>ICH</b>					
Number of participants	42	42	42	41	40
Direct participants	42	42	42	41	40
Banks	41	41	41	40	39
Central bank	1	1	1	1	1
Other direct participants	0	0	0	0	0
Indirect participants	nap	nap	nap	nap	nap

**Table 10**  
**Payments processed by selected interbank funds transfer systems: volume of transactions**  
*(millions, total for the year)*

	2005	2006	2007	2008	2009
<b>Large-value payment systems</b>					
<b>TIC-RTGS</b>					
Total transactions sent	76.75	93.09	106.07	119.31	129.45
Concentration ratio in terms of volume (%)	56.7	56.4	57.5	59.8	60.6
<b>Retail payment systems</b>					
<b>BKM</b>					
Total transactions sent	671.5	660.7	727.8	826.1	897.7
<i>card payments</i>	648.1	636.0	701.2	796.0	866.3
<i>ATM transactions</i>	23.4	24.7	26.6	30.1	31.5
Concentration ratio in terms of volume (%)	79.0	79.1	77.1	75.0	71.3
<b>ICH</b>					
Total transactions sent	23.5	23.6	24.9	23.2	19.3
<i>cheques</i>	23.5	23.6	24.9	23.2	19.3
Concentration ratio in terms of volume (%)	47.3	49.0	50.8	44.0	51.9

**Table 11**  
**Payments processed by selected interbank funds transfer systems: value of transactions**  
*(TRY billions, total for the year)*

	2005	2006	2007	2008	2009
<b>Large-value payment systems</b>					
<b>TIC-RTGS</b>					
Total transactions sent	7.8	15.0	18.0	21.9	23.7
Concentration ratio in terms of value (%)	60.3	66.3	64.3	62.9	64.4
<b>Retail payment systems</b>					
<b>BKM</b>					
Total transactions sent	43.6	51.8	64.6	81.9	94.1
<i>card payments</i>	40.6	48.1	60.5	76.9	88.4
<i>ATM transactions</i>	3.0	3.7	4.1	5.0	5.8
Concentration ratio in terms of value (%)	76.8	75.9	71.5	68.5	65.3
<b>ICH</b>					
Total transactions sent	0.2	0.2	0.2	0.2	0.2
<i>cheques</i>	0.2	0.2	0.2	0.2	0.2
Concentration ratio in terms of value (%)	50.8	52.2	52.1	51.3	45.5



**Table 12**  
**Participation in SWIFT by domestic institutions**  
*(end of year)*

	2005	2006	2007	2008	2009
Members	29	29	29	29	29
<i>of which: live</i>	29	29	29	29	29
Sub-members	14	15	18	17	16
<i>of which: live</i>	14	14	18	17	16
Participants	8	7	8	10	10
<i>of which: live</i>	8	7	7	10	10
Total users	51	51	55	56	55
<i>of which: live</i>	51	50	54	56	55
<i>Memo:</i>					
Total SWIFT users	7,888	8,105	8,332	8,830	9,281
<i>members</i>	2,231	2,288	2,276	2,276	2,356
<i>sub-members</i>	3,077	3,120	3,212	3,305	3,306
<i>participants</i>	2,580	2,697	2,844	3,249	3,619

Source: SWIFT.

**Table 13**  
**SWIFT message flows to/from domestic users**  
*(thousands, total for the year)*

	2005	2006	2007	2008	2009
Total messages sent	8,862	9,754	12,080	17,471	17,165
<i>of which:</i>					
<i>category I</i>	2,963	3,269	3,715	4,051	4,019
<i>category II</i>	1,531	1,728	2,012	2,316	2,213
Total messages received	10,359	11,061	12,961	15,900	15,273
<i>of which:</i>					
<i>category I</i>	4,083	4,510	5,129	5,615	5,531
<i>category II</i>	805	1,119	1,599	1,812	1,490
Domestic traffic	1,293	1,231	1,480	3,181	3,186
<i>Memo:</i>					
Global SWIFT traffic	2,518,285	2,864,537	3,501,163	3,854,576	3,760,314

Source: SWIFT.

**Table 14**  
**Number of participants in exchanges and trading systems**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>Istanbul Stock Exchange</b>					
Total number of participants	149	146	146	146	145
<i>central bank</i>	1	1	1	1	1
<i>central counterparties (CCPs)</i>	0	0	0	0	0
<i>banks</i>	41	40	41	41	41
<i>other</i>	107	105	104	104	103
Number of domestic participants	149	146	146	146	145
<i>central bank</i>	1	1	1	1	1
<i>central counterparties (CCPs)</i>	0	0	0	0	0
<i>banks</i>	41	40	41	41	41
<i>other</i>	107	105	104	104	103
Number of foreign participants	0	0	0	0	0
<b>Turkish Derivatives Exchange</b>					
Total number of participants	56	62	80	89	89
<i>central bank</i>	0	0	0	0	0
<i>central counterparties (CCPs)</i> <sup>1</sup>	1	1	1	1	1
<i>banks</i>	13	16	17	18	18
<i>other</i>	43	46	63	71	71
Number of domestic participants	56	62	80	89	89
<i>central bank</i>	0	0	0	0	0
<i>central counterparties (CCPs)</i> <sup>1</sup>	1	1	1	1	1
<i>banks</i>	13	16	17	18	18
<i>other</i>	43	46	63	71	71
Number of foreign participants	0	0	0	0	0

<sup>1</sup> Number of central counterparties is not included in total number of participants.

**Table 15****Number of listed securities***(end of year)*

	2005	2006	2007	2008	2009
<b>Istanbul Stock Exchange</b>					
Total number of listed securities	562	582	584	605	667
debt securities	256	260	257	279	342
<i>short-term paper</i>	8	4	5	4	14
<i>bonds</i>	248	256	252	275	328
equity	306	322	327	326	325
<b>Turkish Derivatives Exchange</b>					
Total number of listed securities	8	10	10	10	10
debt securities	0	0	0	0	0
equity	0	0	0	0	0
other <sup>1</sup>	8	10	10	10	10

<sup>1</sup> Futures contracts, number of underlying assets.**Table 16****Market capitalisation of listed companies***(TRY billions, end of year)*

	2005	2006	2007	2008	2009
<b>Istanbul Stock Exchange</b>					
Total market capitalisation/equity	218.32	230.04	335.95	182.03	350.76
<b>Turkish Derivatives Exchange</b>					
Total market capitalisation/equity	nap	nap	nap	nap	nap

**Table 17****Number of executed trades***(thousands, total for the year)*

	2005	2006	2007	2008	2009
<b>Istanbul Stock Exchange</b>					
Total number of executed securities trades	44,535.4	46,041.9	48,861.8	46,392.6	69,194.5
debt securities	592.4	550.9	521.8	447.6	494.5
<i>short-term paper</i>	56.5	34.6	19.6	14.0	15.6
<i>bonds</i>	536.0	516.3	502.3	433.5	478.9
equity	43,943.0	45,491.0	48,340.0	45,945.0	68,700.0
Total number of executed derivatives trades	nap	nap	nap	nap	nap
<b>Turkish Derivatives Exchange</b>					
Total number of executed securities trades	nap	nap	nap	nap	nap
Total number of executed derivatives trades	1,832.9	6,848.1	24,867.0	54,472.8	79,431.3
<i>financial futures</i>	1,832.4	6,846.5	24,866.9	54,445.7	79,313.0
<i>commodity futures</i>	0.5	1.6	0.1	27.2	118.4

**Table 18****Value of executed trades***(TRY billions, total for the year)*

	2005	2006	2007	2008	2009
<b>Istanbul Stock Exchange</b>					
Total value of executed securities trades	750.65	706.90	751.73	633.60	899.59
debt securities	480.72	381.77	363.95	300.99	417.05
<i>short-term paper</i>	51.46	29.66	22.03	14.39	20.30
<i>bonds</i>	429.27	352.11	341.92	286.61	396.75
equity	269.93	325.13	387.78	332.61	482.53
Total value of executed derivatives trades	nap	nap	nap	nap	nap
<b>Turkish Derivatives Exchange (TRY millions)</b>					
Total value of executed securities trades	nap	nap	nap	nap	nap
Total value of executed derivatives trades	3.03	17.88	118.04	207.96	334.17
<i>financial futures</i>	3.03	17.88	118.04	207.86	333.58
<i>commodity futures</i>	0	0	0	0.10	0.59

**Table 19**  
**Number of clearing members**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>Takasbank</b>					
Total number of clearing members	145	142	139	132	130
<i>central bank</i>	1	1	1	1	1
<i>central counterparties (CCPs)</i>	0	0	0	0	0
<i>banks</i>	43	41	40	41	41
<i>other</i>	101	100	98	90	88
Number of domestic clearing members	145	142	139	132	130
<i>central bank</i>	1	1	1	1	1
<i>central counterparties (CCPs)</i>	0	0	0	0	0
<i>banks</i>	43	41	40	41	41
<i>other</i>	101	100	98	90	88
Number of foreign clearing members	0	0	0	0	0

**Table 20**  
**Number of contracts and transactions cleared**  
*(thousands, total for the year)*

	2005	2006	2007	2008	2009
<b>Takasbank</b>					
Total number of contracts and transactions cleared	46,850.8	53,508.8	74,390.1	101,600.7	149,358.9
Number of securities transactions cleared	45,017.9	46,660.7	49,523.1	47,127.9	69,927.6
debt securities	1,075.1	1,169.5	1,182.7	1,182.4	1,227.8
<i>bonds</i>	0.0	0.1	0.1	1.7	2.4
<i>government bonds</i>	1,075.1	1,169.4	1,182.6	1,180.7	1,225.5
equity	43,942.8	45,491.2	48,340.4	45,945.4	68,699.8
other <sup>1</sup>	nav	nav	nav	nav	nav
<i>of which: number of repurchase transactions cleared<sup>2</sup></i>	nav	nav	nav	nav	nav
Number of exchange-traded derivatives contracts cleared	1,832.9	6,848.1	24,867.0	54,472.8	79,431.3
<i>financial futures</i>	1,832.5	6,846.7	24,866.9	54,445.7	79,313.0
<i>commodity futures</i>	0.4	1.4	0.1	27.2	118.4
Number of OTC derivatives contracts cleared	nap	nap	nap	nap	nap
<sup>1</sup> Number of exchange-traded funds is counted within "equities". The number of exchange-traded fund contracts cannot be separated from the number of equities contracts for the time being. <sup>2</sup> Please refer to "Number of securities transactions cleared". Repo breakdown is not available.					

**Table 21**  
**Value of contracts and transactions cleared**  
*(TRY billions, total for the year)*

	2005	2006	2007	2008	2009
<b>Takasbank</b>					
Total value of contracts and transactions cleared	4,827.00	6,330.72	7,725.35	8,196.16	8,660.61
Value of securities transactions cleared	4,823.97	6,312.84	7,607.31	7,988.20	8,326.44
debt securities	4,554.29	5,987.49	7,219.68	7,655.61	7,847.26
<i>bonds</i>	0	0.01	0.01	0.17	0.25
<i>government bonds</i>	4,554.29	5,987.48	7,219.67	7,655.43	7,847.01
equity	269.68	325.35	387.63	332.59	479.18
other <sup>1</sup>	nav	nav	nav	nav	nav
<i>of which: value of repurchase transactions cleared<sup>2</sup></i>	nav	nav	nav	nav	nav
Value of exchange-traded derivatives contracts cleared	3.030	17.876	118.035	207.963	334.174
<i>financial futures</i>	3.029	17.872	118.035	207.863	333.580
<i>commodity futures</i>	0.001	0.004	0.000	0.099	0.594
Value of OTC derivatives contracts cleared	nap	nap	nap	nap	nap
<sup>1</sup> Value of exchange-traded funds is counted within "equities". The value of exchange-traded fund contracts cannot be separated from the value of equities contracts for the time being. <sup>2</sup> Please refer to "Value of securities transactions cleared". Repo breakdown is not available.					

**Table 22**  
**Number of direct participants in CSDs**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>Takasbank</b>					
Total number of participants	144	123	106	89	91
<i>central bank</i>	0	0	0	0	0
<i>central counterparties (CCPs)</i>	0	0	0	0	0
<i>central securities depositories</i>	0	0	0	0	0
<i>banks</i>	13	13	11	8	9
<i>other</i> <sup>1</sup>	131	110	95	81	82
Number of domestic participants	144	123	106	89	91
<i>central bank</i>	0	0	0	0	0
<i>central counterparties (CCPs)</i>	0	0	0	0	0
<i>central securities depositories</i>	0	0	0	0	0
<i>banks</i>	13	13	11	8	9
<i>other</i> <sup>1</sup>	131	110	95	81	82
Number of foreign participants	0	0	0	0	0
<b>Central Registry Agency<sup>2</sup></b>					
Total number of participants	444	462	465	469	457
<i>central bank</i>	0	0	0	0	0
<i>central counterparties (CCPs)</i>	0	0	0	0	0
<i>central securities depositories</i> <sup>3</sup>	1	1	1	1	1
<i>banks</i>	35	41	43	43	43
<i>other</i>	408	420	421	425	413
Number of domestic participants	444	462	465	469	457
<i>central bank</i>	0	0	0	0	0
<i>central counterparties (CCPs)</i>	0	0	0	0	0
<i>central securities depositories</i> <sup>3</sup>	1	1	1	1	1
<i>banks</i>	35	41	43	43	43
<i>other</i>	408	420	421	425	413
Number of foreign participants	0	0	0	0	0
<b>TIC-ESTS</b>					
Total number of participants	50	48	48	48	48
<i>central bank</i>	1	1	1	1	1
<i>banks</i>	49	47	47	47	47
Number of domestic participants	50	48	48	48	48
<i>central bank</i>	1	1	1	1	1
<i>banks</i>	49	47	47	47	47
Number of foreign participants	0	0	0	0	0

<sup>1</sup> Brokerage houses and institutional investors for non-fungible custody, private pension companies for private pension fund custody. <sup>2</sup> CRA acts as a central depository since November 2005. Therefore, information provided starts from 2005.

<sup>3</sup> Takasbank acts as the cash settlement agent.

**Table 23****Number of securities held on accounts at CSDs***(thousands, end of year)*

	2005	2006	2007	2008	2009
<b>Takasbank</b>					
Total number of securities held	1,361.34	2,134.00	2,092.65	1,971.79	2,012.57
equity <sup>1</sup>	1,361.21	2,133.88	2,092.53	1,971.66	2,012.44
other <sup>2</sup>	0.12	0.12	0.12	0.13	0.13
<b>Central Registry Agency (millions)</b>					
Total number of securities held <sup>3</sup>	150,990	142,963	244,013	228,363	369,308
debt securities <sup>4</sup>	0	120	370	560	516
<i>short-term paper</i>	0	0	230	320	156
<i>bonds</i>	0	120	140	240	360
equity <sup>5</sup>	31,898	41,138	51,820	63,726	70,364
other <sup>6</sup>	119,092	101,705	191,823	164,077	298,428
<b>TIC-ESTS</b>					
Total number of securities held	0.29	0.37	0.36	0.38	0.44
debt securities	0.29	0.37	0.36	0.38	0.44
<i>short-term paper</i>	0.03	0.04	0.03	0.03	0.02
<i>bonds</i>	0.26	0.33	0.32	0.35	0.42
equity <sup>1</sup>	nap	nap	nap	nap	nap
other <sup>2</sup>	nap	nap	nap	nap	nap

<sup>1</sup> Non-fungible, ISIN basis. <sup>2</sup> Private pension funds, ISIN basis. <sup>3</sup> According to legislation six digits were dropped from the Turkish liras after 1 January 2005. However, mutual fund nominal values were excepted from this rule. <sup>4</sup> Corporate Bonds held in CRA since 2006 and bank bills held in CRA since 2009. <sup>5</sup> CRA acts as the CSD for equities since November 2005. Therefore, information provided starts from 2005. <sup>6</sup> Other securities are mutual funds and exchange-traded funds.

**Table 24****Value of securities held on accounts at CSDs***(TRY millions, end of year)*

	2005	2006	2007	2008	2009
<b>Takasbank</b>					
Total value of securities held	5,674.68	8,733.98	5,227.20	6,447.34	9,187.09
equity <sup>1</sup>	4,449.36	5,913.44	656.28	62.16	77.52
other <sup>2</sup>	1,225.33	2,820.54	4,570.92	6,385.18	9,109.57
<b>Central Registry Agency</b>					
Total value of securities held	227,956	253,786	362,823	207,208	381,722
debt securities <sup>3</sup>	0	133	381	576	537
<i>short-term paper</i>	0	0	230	320	156
<i>bonds</i>	0	133	151	256	381
equity <sup>4</sup>	218,085	231,642	335,986	182,275	350,834
other <sup>5</sup>	9,871	22,012	26,456	24,357	30,352
<b>TIC-ESTS</b>					
Total value of securities held	0.27	0.26	0.28	0.29	0.35
debt securities	0.27	0.26	0.28	0.29	0.35
<i>short-term paper</i>	0.02	0.01	0.01	0.01	0.01
<i>bonds</i>	0.25	0.26	0.27	0.28	0.34
equity <sup>1</sup>	nap	nap	nap	nap	nap
other <sup>2</sup>	nap	nap	nap	nap	nap

<sup>1</sup> Non-fungible, ISIN basis. <sup>2</sup> Private pension funds, ISIN basis. <sup>3</sup> Corporate Bonds held in CRA since 2006 and bank bills held in CRA since 2009. <sup>4</sup> CRA acts as the CSD for equities since November 2005. Therefore, information provided starts from 2005. <sup>5</sup> Other securities are mutual funds and exchange-traded funds.



**Table 25**  
**Number of delivery instructions processed**  
*(total for the year)*

	2005	2006	2007	2008	2009
<b>Takasbank</b>					
Total number of delivery instructions <sup>1</sup>	88	51	56	47	3
DVP	nap	nap	nap	nap	nap
free of payment	88	51	56	47	3
equity	88	51	56	47	3
<b>Central Registry Agency (thousands)</b>					
Total number of delivery instructions	265.879	3,116.120	4,062.726	3,217.157	6,281.982
DVP	22.181	212.220	292.200	338.915	358.566
debt securities <sup>2</sup>	0	0.009	0.004	0	0
<i>bonds</i>	0	0.009	0.004	0	0
equity <sup>3</sup>	22.098	211.908	291.664	338.506	358.339
other <sup>4</sup>	0.083	0.303	0.532	0.409	0.227
free of payment	243.698	2,903.900	3,770.526	2,878.242	5,923.416
debt securities <sup>2</sup>	0	0.461	0.399	2.119	1.441
<i>short-term paper</i>	0	0	0.018	0.016	0.129
<i>bonds</i>	0	0.461	0.381	2.103	1.312
equity <sup>3</sup>	242.605	2,744.335	3,510.234	2,518.245	5,517.978
other <sup>4</sup>	1.093	159.104	259.893	357.878	403.997
<b>TIC-ESTS (thousands)</b>					
Total number of delivery instructions	103.1	96.5	100.3	100.5	84.5
DVP	19.6	18.4	28.4	31.1	25.3
debt securities	19.6	18.4	28.4	31.1	25.3
<i>short-term paper</i>	1.7	0.9	0.5	0.4	0.3
<i>bonds</i>	17.9	17.5	27.9	30.7	25.0
free of payment	83.5	78.0	71.9	69.4	59.2
debt securities	83.5	78.0	71.9	69.4	59.2
<i>short-term paper</i>	15.1	9.1	5.4	3.8	3.4
<i>bonds</i>	68.3	68.9	66.5	65.5	55.7

<sup>1</sup> The total number of delivery instructions fall sharply from 2008 to 2009 due to move of registry of some securities to CRA.

<sup>2</sup> Corporate Bonds held in CRA since 2006 and bank bills held in CRA since 2009. <sup>3</sup> CRA acts as the CSD for equities since November 2005. Therefore, information provided starts from 2005. <sup>4</sup> Other securities are mutual funds and exchange-traded funds.

**Table 26**  
**Value of delivery instructions processed**  
 (TRY millions, total for the year)

	2005	2006	2007	2008	2009
<b>Takasbank</b>					
Total value of delivery instructions	347.9	124.3	485.5	71.2	74.5
DVP	nap	nap	nap	nap	nap
free of payment	347.9	124.3	485.5	71.2	74.5
equity	347.9	124.3	485.5	71.2	74.5
<b>Central Registry Agency</b>					
Total value of delivery instructions	30,844.6	351,222.8	552,881.1	488,699.6	403,407.8
DVP	14,635.1	146,287.1	212,583.4	187,815.1	149,455.8
debt securities <sup>1</sup>	0	11.7	9.1	0	0
<i>bonds</i>	0	11.7	9.1	0	0
equity <sup>2</sup>	14,539.6	145,977.0	212,184.2	187,599.9	149,362.7
other <sup>3</sup>	95.5	298.4	390.1	215.2	93.1
free of payment	16,209.5	204,935.7	340,297.6	300,884.4	253,952.1
debt securities <sup>1</sup>	0	375.1	570.4	802.5	1,187.4
<i>short-term paper</i>	0	0	515.0	110.2	197.5
<i>bonds</i>	0	375.1	55.3	692.4	989.9
equity <sup>2</sup>	16,019.3	202,079.2	335,605.2	295,964.6	248,584.8
other <sup>3</sup>	190.2	2,481.4	4,122.1	4,117.3	4,179.9
<b>TIC-ESTS</b>					
Total value of delivery instructions	1.74	3.11	2.60	3.62	4.96
DVP	0.30	0.34	0.43	1.09	1.68
debt securities	0.30	0.34	0.43	1.09	1.68
<i>short-term paper</i>	0.05	0.03	0.02	0.02	0.04
<i>bonds</i>	0.25	0.31	0.41	1.07	1.64
free of payment	1.45	2.77	2.17	5.53	3.27
debt securities	1.45	2.77	2.17	2.53	3.27
<i>short-term paper</i>	0.08	0.07	0.03	0.03	0.03
<i>bonds</i>	1.36	2.70	2.14	2.51	3.24

<sup>1</sup> Corporate Bonds held in CRA since 2006 and bank bills held in CRA since 2009. <sup>2</sup> CRA acts as the CSD for equities since November 2005. Therefore, information provided starts from 2005. <sup>3</sup> Other securities are mutual funds and exchange-traded funds.

**Table 1**  
**Basic statistical data**

	2005	2006	2007	2008	2009
Population (thousands) <sup>1</sup>	60,235	60,584	60,986	61,398	61,792
GDP (GBP billions)	1,254.06	1,328.36	1,404.85	1,445.58	1,396.44
GDP per capita (GBP)	20,819	21,926	23,036	23,544	22,599
Consumer price inflation (%) <sup>1</sup>	2.0	2.3	2.3	3.6	2.2
Exchange rate (GBP/USD):					
<i>end of year</i>	0.5809	0.5099	0.4982	0.6844	0.6165
<i>average</i>	0.5504	0.5436	0.4997	0.5451	0.6406

<sup>1</sup> Yearly average.**Table 2**  
**Settlement media used by non-banks**  
(GBP billions, end of year)

	2005	2006	2007	2008	2009
Notes and coin in circulation outside banks	40.85	42.95	45.49	40.71	50.59
Value of transferable deposits	884.18	956.11	1,028.41	1,077.58	1,136.81
Narrow money supply (M2) <sup>1</sup>	922.69	996.67	1,073.11	1,122.45	1,185.13
<i>Memo:</i>					
Transferable deposits in foreign currencies	137.65	118.64	142.21	147.14	251.56
Outstanding value on e-money storages <sup>2</sup>	nav	nav	nav	nav	nav

<sup>1</sup> Does not equal the sum of the two previous items. M2 consists of private sector holdings of notes and coin plus retail deposits. The latter include non-interest bearing deposits as well as deposits placed at advertised interest rates. <sup>2</sup> There is no fully operational electronic money scheme currently in place.

**Table 3**  
**Settlement media used by banks**

(GBP billions, average of last reserve maintenance period)

	2005	2006	2007	2008	2009
Transferable balances held at the central bank	3.39	19.88	26.74	nav	nav
<i>required reserves</i> <sup>1</sup>	2.22	2.57	2.94	2.91	2.60
<i>free reserves</i>	1.17	17.31	23.80	59.74	153.50
Transferable balances held at other banks <sup>2</sup>	595.40	810.03	371.64	515.62	695.43
<i>Memo:</i>					
Credit extended by the central bank: <sup>3</sup>					
<i>intraday</i>	13.56	13.32	17.50	23.39	17.81
<i>overnight</i>	nav	nav	nav	nav	nav
<i>longer-term refinancing operations</i> <sup>4</sup>	21.10	33.06	28.49	113.70	11.31

<sup>1</sup> On 1 June 1998 a statutory scheme came into effect whereby both banks and building societies with average eligible liabilities of GBP 400 million or more are required to hold non-interest bearing deposits with the Bank of England of 0.15% of their eligible liabilities in excess of GBP 500 million. <sup>2</sup> Includes some time deposits. <sup>3</sup> Banks borrow from the Bank of England mainly through intraday and two-week repo transactions in gilts, Treasury bills and eligible euro securities. Funds obtained in this way may be used for payment purposes. <sup>4</sup> Although largely longer-term, also includes some overnight refinancing operations; a disaggregation is not possible.

**Table 4****Banknotes and coin***(GBP billions, end of year)*

	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>
Total banknotes and coin issued <sup>1,2</sup>	42.423	44.604	47.361	49.081	53.006
Total banknotes issued <sup>2</sup>	39.037	41.083	43.786	45.420	49.309
<i>GBP 50</i>	6.550	6.852	7.609	8.542	9.415
<i>GBP 20</i>	24.780	26.116	27.732	28.671	31.399
<i>GBP 10</i>	6.549	6.930	7.132	6.855	7.170
<i>GBP 5</i>	1.158	1.185	1.314	1.351	1.324
Total coin issued <sup>3</sup>	3.386	3.521	3.574	3.661	3.697
<i>GBP 2</i>	0.536	0.596	0.624	0.668	0.690
<i>GBP 1</i>	1.452	1.476	1.478	1.491	1.482
<i>GBP 0.50</i>	0.385	0.404	0.411	0.418	0.424
<i>GBP 0.20</i>	0.438	0.455	0.466	0.482	0.498
<i>GBP 0.10</i>	0.159	0.163	0.163	0.165	0.166
<i>GBP 0.05</i>	0.183	0.189	0.191	0.192	0.191
<i>GBP 0.02</i>	0.128	0.132	0.132	0.134	0.134
<i>GBP 0.01</i>	0.106	0.108	0.109	0.111	0.113
Banknotes and coin held by banks	5.183	5.222	5.529	4.635	6.927
Banknotes and coin in circulation outside banks	40.845	42.950	45.487	40.715	50.589

<sup>1</sup> Average of Wednesdays in December. <sup>2</sup> Bank of England banknotes only. <sup>3</sup> Estimated as at 31 December.

**Table 5**  
**Institutions offering payment services to non-banks**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>Central bank</b>					
Number of branches or offices <sup>1</sup>	1	1	1	1	1
Number of accounts (thousands)	nav	7	6.7	7.6	6.0
Value of accounts (GBP billions)	1.29	1.08	1.08	21.30	31.64
<i>Memo:</i>					
Number of accounts, all (thousands)	nav	7	6.8	7.6	6.0
<b>Banks</b>					
Number of institutions	391	386	379	375	364
Number of branches or offices <sup>2</sup>	13,827	13,512	13,057	10,986	10,790
Number of accounts (thousands) <sup>2,3</sup>	133,742	138,742	143,656	125,696	127,000
<i>of which: number of internet/PC-linked accounts (thousands)<sup>4</sup></i>	24,307	28,177	30,211	38,451	39,600
Value of accounts (GBP billions)	3,759.52	4,214.22	4,588.59	5,722.17	2,475.67
<b>Branches of domestic banks</b>					
Number of institutions	217	217	215	214	209
Number of branches or offices	nav	nav	nav	nav	nav
Value of accounts (GBP billions)	1,491.16	1,686.18	1,876.67	2,383.90	1,780.02
<b>Branches of foreign banks</b>					
Number of institutions	174	169	164	161	155
Number of branches or offices	nav	nav	nav	nav	nav
Value of accounts (GBP billions)	2,268.35	2,528.04	2,711.92	3,338.26	695.65
<b>Other institutions offering payment services to non-banks: Postal institution<sup>5</sup></b>					
Number of institutions	1	1	1	1	1
Number of branches or offices	14,609	14,376	14,219	13,567	11,952
Number of accounts <sup>6</sup>	312,000	305,000	296,000	295,000	349,000
Value of accounts (GBP billions) <sup>6</sup>	0.94	1.05	1.38	1.38	1.22
<b>Institutions offering payment services to non-banks (total)</b>					
Number of institutions <sup>7</sup>	393	388	381	377	366
Number of branches or offices <sup>2</sup>	28,437	27,889	27,277	24,554	22,743
Number of accounts held by non-banks (thousands) <sup>2,3</sup>	134,054	138,742	143,656	125,696	127,355
<i>of which: number of internet/PC-linked accounts (thousands)<sup>4</sup></i>	24,307	28,177	30,211	38,451	39,600
Value of accounts held by non-banks (GBP billions)	3,760	4,215	4,590	5,745	2,509
<i>Memo:</i>					
<b>Electronic money institutions<sup>8</sup></b>					
Number of institutions	nav	nav	nav	nav	nav
Outstanding value on e-money storages issued by e-money institutions	nav	nav	nav	nav	nav

<sup>1</sup> The central bank also has two outlets for note issue and 12 regional agencies for economic intelligence gathering purposes.

<sup>2</sup> Estimated figures. <sup>3</sup> Includes private sector ordinary share and deposit accounts with UK building societies and shares and deposits below GBP 50,000 from corporate bodies, placed with building societies. <sup>4</sup> Number of accounts associated with internet services (credit transfers, payment of bills, etc carried out via the internet). <sup>5</sup> National Savings Accounts only. <sup>6</sup> Data up to December 2004 are for National Savings Ordinary Accounts. These have been replaced with Easy Access Accounts. <sup>7</sup> Revi data: the previous issue involved double-counting. <sup>8</sup> There is no fully operational electronic money scheme currently in place.

**Table 6**  
**Payment card functions and accepting devices**  
*(thousands, end of year)*

	2005	2006	2007	2008	2009
<b>Cards issued in the country</b>					
Cards with a cash function	164,440	164,095	164,875	168,280	162,208
Cards with a debit function	66,990	68,348	71,624	76,271	79,270
Cards with a delayed debit function <sup>1</sup>	4,724	4,930	2,361	2,339	2,309
Cards with a credit function <sup>2</sup>	69,858	69,520	67,311	66,163	58,604
Cards with an e-money function	nav	nav	nav	nav	nav
Total number of cards (irrespective of the number of functions on the card) <sup>3</sup>	165,106	164,636	165,413	168,689	162,584
<i>of which: cards with a combined debit, cash and e-money function</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>Memo:</i>					
Retailer cards	nav	nav	nav	nav	nav
<b>Terminals located in the country</b>					
ATMs	58.29	60.47	63.42	63.92	62.19
<i>ATMs with a cash withdrawal function</i>	<i>58.29</i>	<i>60.47</i>	<i>63.42</i>	<i>63.92</i>	<i>62.19</i>
<i>ATMs with a credit transfer function</i>	<i>20.40</i>	<i>22.01</i>	<i>21.31</i>	<i>21.86</i>	<i>19.90</i>
POS terminals <sup>4</sup>	974.05	1,053.22	1,050.75	1,094.96	1,179.18
<i>of which: EFTPOS terminals</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
E-money card terminals <sup>5</sup>	nav	nav	nav	nav	nav

<sup>1</sup> Includes data for cards with a "credit and charge" facility. <sup>2</sup> MasterCard and Visa only. <sup>3</sup> Excludes any standalone e-money cards and retailer cards. <sup>4</sup> Estimate of total number of POS terminals in the United Kingdom. Most accept both credit and debit cards. <sup>5</sup> All major e-money trials in the United Kingdom finished by end-2000.

Table 7

**Indicators of the use of payment instruments and terminals by non-banks: volume of transactions<sup>1</sup>***(millions, total for the year)*

	2005	2006	2007	2008	2009
<b>Transactions per type of payment instrument</b>					
Credit transfers <sup>2</sup>	2,983.7	3,059.0	3,120.5	3,185.1	3,274.6
<i>paper-based</i>	336.6	306.4	273.8	250.7	219.6
<i>non-paper-based</i>	2,647.1	2,752.6	2,846.7	2,934.4	3,055.0
Direct debits	2,722.2	2,857.8	2,963.5	3,076.9	3,149.2
Card payments with cards issued in the country	6,283.0	6,726.0	7,200.0	7,595.0	8,185.0
<i>payments by cards with a debit function<sup>3</sup></i>	4,206.0	4,651.0	5,085.0	5,446.0	6,017.0
<i>payments by cards with a delayed debit function</i>	265.0	180.0	178.0	179.0	166.0
<i>payments by cards with a credit function<sup>3,4</sup></i>	1,812.0	1,788.0	1,806.0	1,791.0	1,819.0
E-money payment transactions	nav	nav	nav	nav	nav
Cheques <sup>5</sup>	1,931.0	1,778.0	1,600.0	1,403.0	1,282.0
Other payment instruments	nap	nap	nap	nap	nap
Total number of transactions with payment instruments <sup>2</sup>	13,919.9	14,420.7	14,884.0	15,259.9	15,890.8
<i>of which: cross-border transactions sent</i>	275.0	284.0	306.0	314.0	303.0
<i>Memo:</i>					
Cross-border transactions received	nav	nav	nav	nav	nav
<b>Transactions per type of terminal</b>					
Total transactions at terminals in the country					
Cash transactions <sup>6</sup>	2,699.0	2,752.0	2,834.0	2,876.0	2,916.0
<i>ATM cash withdrawals</i>	2,699.0	2,752.0	2,834.0	2,876.0	2,916.0
<i>ATM cash deposits</i>	nav	nav	nav	nav	nav
POS payment transactions <sup>7</sup>	6,335.0	6,603.0	7,163.0	7,701.0	8,041.0
E-money card loading/unloading transactions	nav	nav	nav	nav	nav
E-money card payment transactions	nav	nav	nav	nav	nav
a) Transactions at terminals in the country by cards issued in the country					
Cash transactions <sup>6</sup>	2,699.0	2,752.0	2,834.0	2,876.0	2,916.0
<i>ATM cash withdrawals</i>	2,699.0	2,752.0	2,834.0	2,876.0	2,916.0
<i>ATM cash deposits</i>	nav	nav	nav	nav	nav
POS payment transactions <sup>7</sup>	6,008.0	6,441.0	6,894.0	7,369.0	7,886.0
E-money card loading/unloading transactions	nav	nav	nav	nav	nav
E-money card payment transactions	nav	nav	nav	nav	nav
b) Transactions at terminals in the country by cards issued outside the country					
Cash transactions	nav	nav	nav	nav	nav
POS payment transactions <sup>7</sup>	327.0	162.0	269.0	332.0	155.0
E-money card loading/unloading transactions	nav	nav	nav	nav	nav
E-money card payment transactions	nav	nav	nav	nav	nav
c) Transactions at terminals outside the country by cards issued in the country					
Cash transactions <sup>6</sup>	4.0	3.0	3.0	3.0	3.0
<i>ATM cash withdrawals</i>	4.0	3.0	3.0	3.0	3.0
<i>ATM cash deposits</i>	nav	nav	nav	nav	nav
POS payment transactions <sup>7</sup>	275.0	284.0	306.0	314.0	303.0
E-money card loading/unloading transactions	nav	nav	nav	nav	nav
E-money card payment transactions	nav	nav	nav	nav	nav

<sup>1</sup> This table contains all customer transactions. It also, for a number of instruments, includes banks' own account transactions where these cannot be identified separately (see further footnotes). Includes Northern Ireland (estimated) and Scotland; also includes some data and/or estimates of inter-branch and in-house processed items. <sup>2</sup> Includes interbank payments settled in CHAPS; also includes inter-branch paper credit transfers plus some in-house automated transactions (including some transactions on banks' own accounts). <sup>3</sup> Customer transactions only. <sup>4</sup> Does not include data for cards with a "credit and charge" facility. These data are included in the "cards with a delayed debit function" category. <sup>5</sup> Includes inter-branch cheques and estimates of in-house processed cheques; also includes some own account items. <sup>6</sup> Includes all ATM transactions; a further breakdown is not available. <sup>7</sup> Data are for payment cards only.

**Table 8**  
**Indicators of the use of payment instruments and terminals by non-banks: value of transactions<sup>1</sup>**  
*(GBP billions, total for the year)*

	2005	2006	2007	2008	2009
<b>Transactions per type of payment instrument</b>					
Credit transfers <sup>2</sup>	80,523.57	91,058.55	104,470.49	81,876.00	67,819.62
<i>paper-based</i>	168.86	169.00	164.07	150.49	124.05
<i>non-paper-based</i>	80,354.71	90,889.55	104,306.42	81,725.51	67,695.58
Direct debits	797.04	844.83	883.59	935.36	885.71
Card payments with cards issued in the country	315.14	343.49	379.02	407.69	421.43
<i>payments by cards with a debit function<sup>3</sup></i>	178.91	205.30	231.92	253.54	276.84
<i>payments by cards with a delayed debit function</i>	26.43	30.24	33.72	39.99	36.81
<i>payments by cards with a credit function<sup>3,4</sup></i>	109.79	107.94	113.38	114.16	107.78
E-money payment transactions	nav	nav	nav	nav	nav
Cheques <sup>5</sup>	1,682.15	1,686.37	1,648.73	1,501.65	1,278.63
Other payment instruments	nap	nap	nap	nap	nap
Total value of transactions with payment instruments <sup>2</sup>	83,317.89	93,933.24	107,381.83	84,720.70	70,405.39
<i>of which: cross-border transactions sent</i>	20.42	22.72	25.01	27.77	25.56
<i>Memo:</i>					
Cross-border transactions received	nav	nav	nav	nav	nav
<b>Transactions per type of terminal</b>					
Total transactions at terminals in the country					
Cash transactions <sup>6</sup>	172.02	179.81	186.16	192.19	192.80
<i>ATM cash withdrawals</i>	172.02	179.81	186.16	192.19	192.80
<i>ATM cash deposits</i>	nav	nav	nav	nav	nav
POS payment transactions <sup>7</sup>	303.14	332.49	369.91	396.77	403.30
E-money card loading/unloading transactions	nav	nav	nav	nav	nav
E-money card payment transactions	nav	nav	nav	nav	nav
a) Transactions at terminals in the country by cards issued in the country					
Cash transactions <sup>6</sup>	172.02	179.81	186.16	192.19	192.80
<i>ATM cash withdrawals</i>	172.02	179.81	186.16	192.19	192.80
<i>ATM cash deposits</i>	nav	nav	nav	nav	nav
POS payment transactions <sup>7</sup>	294.72	320.77	354.02	380.18	396.12
E-money card loading/unloading transactions	nav	nav	nav	nav	nav
E-money card payment transactions	nav	nav	nav	nav	nav
b) Transactions at terminals in the country by cards issued outside the country					
Cash transactions	nav	nav	nav	nav	nav
POS payment transactions <sup>7</sup>	8.41	11.73	15.90	16.59	7.18
E-money card loading/unloading transactions	nav	nav	nav	nav	nav
E-money card payment transactions	nav	nav	nav	nav	nav
c) Transactions at terminals outside the country by cards issued in the country					
Cash transactions <sup>6</sup>	0.34	0.27	0.21	0.26	0.25
<i>ATM cash withdrawals</i>	0.34	0.27	0.21	0.26	0.25
<i>ATM cash deposits</i>	nav	nav	nav	nav	nav
POS payment transactions <sup>7</sup>	20.42	22.72	25.01	27.77	25.56
E-money card loading/unloading transactions	nav	nav	nav	nav	nav
E-money card payment transactions	nav	nav	nav	nav	nav

<sup>1</sup> This table contains all customer transactions. It also, for a number of instruments, includes banks' own account transactions where these cannot be identified separately (see further footnotes). Includes Northern Ireland (estimated) and Scotland; also includes some data and/or estimates of inter-branch and in-house processed items. <sup>2</sup> Includes interbank payments settled in CHAPS; also includes inter-branch paper credit transfers plus some in-house automated transactions (including some transactions on banks' own accounts). <sup>3</sup> Customer transactions only. <sup>4</sup> Does not include data for cards with a "credit and charge" facility. These data are included in the "cards with a delayed debit function" category. <sup>5</sup> Includes inter-branch cheques and estimates of in-house processed cheques; this will also include some own account items. <sup>6</sup> Includes all ATM transactions; a further breakdown is not available. <sup>7</sup> Data are for payment cards only.



**Table 9**  
**Participation in selected interbank funds transfer systems**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>Large-value payment systems</b>					
<b>CHAPS Euro (TARGET component)</b>					
Number of participants	nav	nav	nav	nav	nav
Direct participants	19	19	13	0	nav
Banks	18	18	12	0	nav
Central bank	1	1	1	0	nav
Other direct participants	0	0	0	0	nav
Indirect participants	nav	nav	nav	nav	nav
<b>CHAPS Sterling</b>					
Number of participants	nav	nav	nav	nav	nav
Direct participants	15	15	15	15	15
Banks	13	13	13	13	13
Central bank	1	1	1	1	1
Other direct participants	1	1	1	1	1
<i>Clearing and settlement organisations</i>	1	1	1	1	1
Indirect participants	nav	nav	nav	nav	nav
<b>Retail payment systems</b>					
<b>Cheque and Credit Clearing</b>					
Number of participants	434	nav	nav	nav	nav
Direct participants	11	11	12	12	12
Banks	10	10	11	11	11
Central bank	1	1	1	1	1
Other direct participants	0	0	0	0	0
Indirect participants	423	nav	nav	nav	nav
<b>BACS</b>					
Number of participants <sup>1</sup>	62,000	62,000	62,000	65,000	65,000
Direct participants	13	15	15	15	15
Banks	12	14	14	14	14
Central bank	1	1	1	1	1
Other direct participants	0	0	0	0	0
Indirect participants <sup>1</sup>	65,000	65,000	65,000	63,500	60,600

<sup>1</sup> Approximation: precise data for the number of indirect participants are not available.

**Table 10**  
**Payments processed by selected interbank funds transfer systems: volume of transactions<sup>1</sup>**  
*(millions, total for the year)*

	2005	2006	2007	2008	2009
<b>Large-value payment systems</b>					
<b>CHAPS Euro (TARGET component)<sup>2</sup></b>					
Credit transfers sent	5.06	5.57	5.71	0.59	nav
<i>credit transfers sent within CHAPS Euro</i>	1.46	1.44	1.43	0.22	nav
<i>credit transfers sent to another TARGET component</i>	3.60	4.13	4.28	0.38	nav
<i>Memo:</i>					
Credit transfers received from another TARGET component	1.98	2.08	2.23	0.59	nav
Concentration ratio in terms of volume (%) <sup>3</sup>	72	73	74	70	nav
<b>CHAPS Sterling</b>					
Credit transfers	29.59	33.02	35.58	34.59	31.91
Concentration ratio in terms of volume (%) <sup>3</sup>	79	80	79	79	79
<b>Retail payment systems</b>					
<b>Cheque and Credit Clearing<sup>4</sup></b>					
Total national transactions sent	1,487.81	1,381.76	1,253.92	1,128.93	980.04
<i>credit transfers</i>	126.01	110.71	98.42	96.58	82.15
<i>cheques</i>	1,361.80	1,271.05	1,155.50	1,032.36	897.88
Concentration ratio in terms of volume (%) <sup>3</sup>	78	76	75	75	75
<b>BACS</b>					
Total national transactions sent	5,134.13	5,361.59	5,543.93	5,655.58	5,638.73
<i>credit transfers</i>	2,411.88	2,503.83	2,580.45	2,578.72	2,489.57
<i>direct debits</i>	2,722.25	2,857.76	2,963.47	3,076.86	3,149.15
Concentration ratio in terms of volume (%) <sup>3</sup>	76	76	79	76	78

<sup>1</sup> The table contains both customer and banks' own account transactions. Includes both domestic and cross-border (TARGET) payments; excludes inter-branch items and, from 2001, inward cross-border payments. <sup>2</sup> In May 2008, the Bank of England ceased to participate in TARGET2 and so values/volumes shown are only for the first four months of the year. <sup>3</sup> Market share of the five largest participants in each payment system, based on the total volume of transactions. <sup>4</sup> Includes Northern Ireland (estimated) and Scotland.

**Table 11**  
**Payments processed by selected interbank funds transfer systems: value of transactions<sup>1</sup>**  
*(GBP billions except as noted, total for the year)*

	2005	2006	2007	2008	2009
<b>Large-value payment systems</b>					
<b>CHAPS Euro (TARGET component; EUR billions)<sup>2</sup></b>					
Credit transfers sent	36,797.1	42,203.1	46,899.5	6,553.5	nav
<i>credit transfers sent within CHAPS Euro</i>	8,814.3	10,768.0	9,909.8	752.6	nav
<i>credit transfers sent to another TARGET component</i>	27,982.8	31,435.1	36,989.7	5,800.9	nav
<i>Memo:</i>					
Credit transfers received from another TARGET component	27,951.0	31,422.3	36,962.0	5,787.0	nav
Concentration ratio in terms of value (%) <sup>3</sup>	79	80	80	77	nav
<b>CHAPS Sterling</b>					
Credit transfers	51,899.2	58,321.6	67,872.9	72,071.3	59,510.1
Concentration ratio in terms of value (%) <sup>3</sup>	78	78	77	75	74
<b>Retail payment systems</b>					
<b>Cheque and Credit Clearing<sup>4</sup></b>					
Total national transactions sent	1,249.5	1,266.6	1,249.7	1,162.9	941.9
<i>credit transfers</i>	63.2	61.1	59.0	58.0	46.4
<i>cheques</i>	1,186.3	1,205.5	1,190.7	1,104.9	895.5
Concentration ratio in terms of value (%) <sup>3</sup>	78	77	77	77	77
<b>BACS</b>					
Total national transactions sent	3,147.7	3,426.5	3,691.9	3,941.5	3,855.4
<i>credit transfers</i>	2,350.6	2,581.7	2,808.3	3,006.2	2,969.7
<i>direct debits</i>	797.0	844.8	883.6	935.4	885.7
Concentration ratio in terms of value	nav	nav	nav	nav	nav

<sup>1</sup> The table contains both customer and banks' own account transactions. Includes both domestic and cross-border (TARGET) payments; excludes inter-branch items and, from 2001, inward cross-border payments. <sup>2</sup> In May 2008, the Bank of England ceased to participate in TARGET2 and so values/volumes shown are only for the first four months of the year. <sup>3</sup> Market share of the five largest participants in each payment system, based on the total value of transactions. <sup>4</sup> Includes Northern Ireland (estimated) and Scotland.

**Table 12**  
**Participation in SWIFT by domestic institutions**  
*(end of year)*

	2005	2006	2007	2008	2009
Members	86	88	85	87	94
<i>of which: live</i>	84	86	83	85	93
Sub-members	260	259	258	256	253
<i>of which: live</i>	258	256	254	253	250
Participants	94	133	148	174	212
<i>of which: live</i>	83	115	98	144	181
Total users	440	480	491	517	559
<i>of which: live</i>	425	457	435	482	524
<i>Memo:</i>					
Total SWIFT users	7,888	8,105	8,332	8,830	9,281
<i>members</i>	2,231	2,288	2,276	2,276	2,356
<i>sub-members</i>	3,077	3,120	3,212	3,305	3,306
<i>participants</i>	2,580	2,697	2,844	3,249	3,619

Source: SWIFT.

**Table 13**  
**SWIFT message flows to/from domestic users**  
*(thousands, total for the year)*

	2005	2006	2007	2008	2009
Total messages sent	431,558	482,525	586,808	657,085	665,444
<i>of which:</i>					
<i>category I</i>	66,731	75,506	84,282	77,699	74,324
<i>category II</i>	48,753	50,745	57,793	55,877	49,686
Total messages received	520,967	617,458	780,143	882,526	859,221
<i>of which:</i>					
<i>category I</i>	66,518	73,718	79,353	70,855	68,385
<i>category II</i>	36,593	39,050	44,777	38,320	36,310
Domestic traffic	141,860	149,955	179,789	207,672	216,278
<i>Memo:</i>					
Global SWIFT traffic	2,518,285	2,864,537	3,501,163	3,854,576	3,760,314

Source: SWIFT.

**Table 14**  
**Number of participants in exchanges and trading systems**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>London Stock Exchange</b>					
Total number of participants	327	nav	nav	nav	nav
<i>central bank</i>	nav	nav	nav	nav	nav
<i>central counterparties (CCPs)</i>	nav	nav	nav	nav	nav
<i>banks</i>	nav	nav	nav	nav	nav
<i>other</i>	nav	nav	nav	nav	nav
Number of domestic participants	nav	nav	nav	nav	nav
Number of foreign participants	nav	nav	nav	nav	nav
<b>Virt-x</b>					
Total number of participants	112	nav	nav	nav	nav
<i>banks</i>	65	nav	nav	nav	nav
<i>other</i>	47	nav	nav	nav	nav
Number of domestic participants	38	nav	nav	nav	nav
<i>banks</i>	7	nav	nav	nav	nav
<i>other</i>	31	nav	nav	nav	nav
Number of foreign participants	74	nav	nav	nav	nav
<i>banks</i>	58	nav	nav	nav	nav
<i>other</i>	16	nav	nav	nav	nav

**Table 15**  
**Number of listed securities**

Details are not available.

**Table 16**  
**Market capitalisation of listed companies**

Details are not available.

**Table 17****Number of executed trades***(thousands, total for the year)*

	2005	2006	2007	2008	2009
<b>London Stock Exchange</b>					
Total number of executed securities trades	81,200	nav	nav	nav	nav
debt securities	nav	nav	nav	nav	nav
equity	nav	nav	nav	nav	nav
other	nav	nav	nav	nav	nav
Total number of executed derivatives trades	nav	nav	nav	nav	nav
<b>Virt-x</b>					
Total number of executed securities trades	12,451	nav	nav	nav	nav
debt securities	nav	nav	nav	nav	nav
equity	nav	nav	nav	nav	nav
other	nav	nav	nav	nav	nav
Total number of executed derivatives trades	nav	nav	nav	nav	nav

**Table 18****Value of executed trades***(GBP billions, total for the year)*

	2005	2006	2007	2008	2009
<b>London Stock Exchange</b>					
Total value of executed securities trades	5,200.0	nav	nav	nav	nav
equity	5,200.0	nav	nav	nav	nav
Total value of executed derivatives trades	nav	nav	nav	nav	nav
<b>Virt-x</b>					
Total value of executed securities trades	nav	nav	nav	nav	nav
Total value of executed derivatives trades	nav	nav	nav	nav	nav

**Table 19**  
**Number of clearing members**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>LCH.Cleernet Ltd</b>					
Total number of clearing members	nav	117	117	111	118
<i>central bank</i>	nav	0	0	0	0
<i>central counterparties (CCPs)</i>	nav	1	1	1	0
<i>banks</i>	nav	48	50	51	55
<i>other</i>	nav	68	66	59	63
Number of domestic clearing members	nav	71	63	60	59
<i>central bank</i>	nav	0	0	0	0
<i>central counterparties (CCPs)</i>	nav	0	0	0	0
<i>banks</i>	nav	19	17	17	15
<i>other</i>	nav	52	46	43	44
Number of foreign clearing members	nav	46	37	38	44
<i>central bank</i>	nav	0	0	0	0
<i>central counterparties (CCPs)</i>	nav	1	1	1	0
<i>banks</i>	nav	29	27	28	33
<i>other</i>	nav	16	9	9	11

<sup>1</sup> Formerly the London Clearing House.

**Table 20**  
**Number of contracts and transactions cleared**  
*(millions, total for the year)*

	2005	2006	2007	2008	2009
<b>LCH.Clearnet Ltd</b>					
Total number of contracts and transactions cleared	nav	1,857.08	2,861.37	2,701.88	1,258.22
Number of securities transactions cleared	nav	179.29	307.73	430.27	338.57
debt securities	nav	3.45	1.95	1.90	1.83
<i>short-term paper</i>	nav	nav	nav	nav	nav
<i>bonds</i>	nav	nav	nav	nav	nav
equity	nav	175.84	305.78	428.36	336.73
<i>of which: number of repurchase transactions</i>					
cleared	nav	3.45	1.95	1.86	1.78
debt securities	nav	3.45	1.95	1.86	1.78
<i>short-term paper</i>	nav	nav	nav	nav	nav
<i>bonds</i>	nav	nav	nav	nav	nav
equity	nav	0	0	0	0
other	nav	0	0	0	0
Number of exchange-traded derivatives contracts cleared	nav	1,677.62	2,309.49	2,270.85	918.74
<i>financial futures</i>	nav	777.81	868.00	865.99	416.23
<i>financial options</i>	nav	294.12	340.73	468.74	285.88
<i>commodity futures</i>	nav	587	777.00	512.14	205.43
<i>commodity options</i>	nav	18.76	19.00	29.03	11.21
<i>other commodity derivatives</i>	nav	0	304.76	394.95	0.00
Number of OTC derivatives contracts cleared	nav	0.18	244.12	0.76	0.92
<i>financial futures</i>	nav	0	154	0.06	0.04
<i>financial options</i>	nav	0	90	0.09	0.05
<i>other financial derivatives</i> <sup>1</sup>	nav	0.18	0.28	0.46	0.61
<i>commodity futures</i>	nav	0	0	0.15	0.21
<i>commodity options</i>	nav	0	0	0.01	0.01
<i>other commodity derivatives</i>	nav	0	0	0	0
<b>LCH.Clearnet SA</b>					
Total number of contracts and transactions cleared	nav	0.505	0.627	0.563	0.538
Number of securities transactions cleared	nav	0.505	0.627	0.563	0.538
debt securities	nav	0.503	0.627	0.563	0.527
<i>short-term paper</i>	nav	nav	nav	nav	nav
<i>bonds</i>	nav	nav	nav	nav	nav
equity	nav	0.002	0	nav	0.011
<i>of which: number of repurchase transactions</i>					
cleared	nav	0.494	0.617	0.549	0.511
debt securities	nav	0.494	0.617	0.549	0.511
<i>short-term paper</i>	nav	nav	nav	0.01	0.026
<i>bonds</i>	nav	nav	nav	0.53	0.485
Number of exchange-traded derivatives contracts cleared	nav	nap	nap	nap	nap
Number of OTC derivatives contracts cleared	nav	nap	nap	nap	nap

<sup>1</sup> This data relates to SwapClear.



**Table 21**  
**Value of contracts and transactions cleared**  
*(billions, total for the year)*

	2005	2006	2007	2008	2009
<b>LCH.Clearnet Ltd (GBP)</b>					
Total value of contracts and transactions cleared	nav	421,248.5	733,313.7	862,624.5	588,812.9
Value of securities transactions cleared	nav	44,954.0	49,849.4	63,209.5	66,222.6
debt securities	nav	42,554.0	45,225.7	58,319.4	63,128.3
<i>short-term paper</i>	nav	nav	nav	nav	nav
<i>bonds</i>	nav	nav	nav	nav	nav
equity	nav	2,400.1	4,623.7	4,890.2	3,094.2
<i>of which: value of repurchase transactions cleared</i>	nav	42,554.0	45,225.7	57,881.5	62,639.1
<i>debt securities</i>	nav	42,554.0	45,225.7	57,881.5	62,639.1
<i>short-term paper</i>	nav	nav	nav	nav	nav
<i>bonds</i>	nav	nav	nav	nav	nav
Value of exchange-traded derivatives contracts cleared	nav	351,035.3	630,496.8	745,448.1	450,255.4
<i>financial futures</i>	nav	nav	442,979.3	488,551.3	258,592.1
<i>financial options</i>	nav	nav	166,155.8	256,695.5	183,267.3
<i>commodity futures</i>	nav	nav	18,567.1	201.3	8,395.2
<i>commodity options</i>	nav	nav	nav	nav	0.8
<i>other commodity derivatives</i>	nav	0	2,795	nav	nav
Value of OTC derivatives contracts cleared	nav	25,259.2	52,967.4	53,966.8	72,334.9
<i>financial futures</i>	nav	0	1,047	1,205.4	831
<i>financial options</i>	nav	0	2,459	3,085.1	1,503
<i>other financial derivatives</i>	nav	25,259.2	49,435.7	49,599.5	69,968.3
<i>commodity futures</i>	nav	0	26	75.7	32.2
<i>commodity options</i>	nav	0	0	1	0.6
<b>LCH.Clearnet SA (EUR)</b>					
Total value of contracts and transactions cleared	nav	15,224.7	18,342.3	15,659.7	12,566.7
Value of securities transactions cleared	nav	15,224.7	18,342.3	15,659.7	12,566.7
debt securities	nav	15,224.6	18,342.3	15,659.7	12,566.6
<i>short-term paper</i>	nav	nav	nav	nav	nav
<i>bonds</i>	nav	nav	nav	nav	nav
equity	nav	0.053	0.002	nav	0.141
<i>of which: value of repurchase transactions cleared</i>	nav	15,168.3	18,273.7	15,557.4	12,480.8
<i>debt securities</i>	nav	15,168.3	18,273.7	15,557.4	12,480.8
<i>short-term paper</i>	nav	nav	nav	383.4	647.8
<i>bonds</i>	nav	nav	nav	15,174.0	11,833.1
Value of exchange-traded derivatives contracts cleared	nav	nap	nap	nap	nap
Value of OTC derivatives contracts cleared	nav	nap	nap	nap	nap

**Table 22**  
**Number of direct participants in CSDs**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>CREST<sup>1</sup></b>					
Total number of participants	43,051	43,696	45,271	37,153	36,503
Number of domestic participants	nav	nav	nav	nav	nav
Number of foreign participants	nav	nav	nav	nav	nav

<sup>1</sup> Owned and operated by Euroclear UK and Ireland.

**Table 23**  
**Number of securities held on accounts at CSDs**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>CREST<sup>1</sup></b>					
Total number of securities held	7,446	8,379	9,282	10,074	10,548
debt securities	nav	nav	nav	nav	nav
equity	nav	nav	nav	nav	nav
other	nav	nav	nav	nav	nav

<sup>1</sup> Owned and operated by Euroclear UK and Ireland.

**Table 24**  
**Value of securities held on accounts at CSDs**  
*(GBP billions, end of year)*

	2005	2006	2007	2008	2009
<b>CREST<sup>1</sup></b>					
Total value of securities held	2,259.5	2,540.3	2,405.0	2,035.6	2,908.2
debt securities	646.2	676.8	668.3	1,053.3	1,283.5
<i>short-term paper</i>	187.5	195.4	184.0	462.9	338.6
<i>bonds</i>	458.7	481.4	484.2	590.4	945.0
equity	1,613.3	1,863.4	1,736.7	982.3	1,624.7

<sup>1</sup> Owned and operated by Euroclear UK and Ireland.

**Table 25**  
**Number of delivery instructions processed**  
*(thousands, total for the year)*

	2005	2006	2007	2008	2009
<b>CREST<sup>1</sup></b>					
Total number of delivery instructions	59,075.6	62,325.1	66,341.8	59,045.3	56,359.2
DVP	52,245.5	55,114.7	58,661.2	52,193.7	49,820.7
debt securities	1,912.1	1,943.2	2,182.6	2,589.6	2,907.8
<i>short-term paper</i>	140.6	129.3	125.8	185.6	302.8
<i>bonds</i>	1,771.5	1,813.9	2,056.8	2,402.5	2,605.0
equity	50,333.3	53,171.5	56,478.6	49,605.6	46,912.9
free of payment	6,830.1	7,210.4	7,680.6	6,851.6	6,538.5
debt securities	256.5	261.4	292.7	347.4	390.6
<i>short-term paper</i>	18.3	16.8	16.3	24.1	39.3
<i>bonds</i>	238.3	244.6	276.4	323.3	351.3
equity	6,573.6	6,949.0	7,387.9	6,504.2	6,147.9

<sup>1</sup> Owned and operated by Euroclear UK and Ireland.

**Table 26**  
**Value of delivery instructions processed**  
*(GBP billions, total for the year)*

	2005	2006	2007	2008	2009
<b>CREST<sup>1</sup></b>					
Total value of delivery instructions	88,631.6	98,542.7	111,709.1	114,544.8	178,255.9
DVP	78,439.0	87,192.9	98,822.7	101,372.2	157,707.8
debt securities	57,461.1	60,971.7	70,028.0	81,792.4	146,465.0
<i>short-term paper</i>	8,226.0	7,428.9	5,536.8	20,069.8	77,645.5
<i>bonds</i>	49,235.1	53,542.8	64,491.2	61,722.6	68,819.5
equity	20,977.9	26,221.2	28,794.7	19,579.8	11,242.8
free of payment	10,192.6	11,349.8	12,886.4	13,201.8	20,548.1
debt securities	7,466.7	7,924.3	9,100.4	10,629.4	19,033.6
<i>short-term paper</i>	1,068.9	965.3	719.5	2,607.9	10,089.5
<i>bonds</i>	6,397.8	6,959.0	8,380.9	8,021.5	8,944.0
equity	2,725.9	3,425.5	3,786.0	2,572.4	1,514.5

<sup>1</sup> Owned and operated by Euroclear UK and Ireland.



**Table 1**  
**Basic statistical data**

	2005	2006	2007	2008	2009
Population (thousands) <sup>1</sup>	296,940	299,801	302,045	304,059	307,226
GDP (USD billions) <sup>2</sup>	12,638.4	13,398.9	14,061.8	14,369.1	14,119.0
GDP per capita (USD)	42,562	44,693	46,555	47,258	45,956
Consumer price inflation (%) <sup>3</sup>	2.9	2.9	2.5	3.7	-0.1

<sup>1</sup> Data estimated as of 1 July each year. Includes armed forces overseas. <sup>2</sup> Annual data reflecting National Income and Product Account revisions as of 26 March 2009. <sup>3</sup> Average annual inflation rate. Data stated for all urban consumers (C-CPI-U).

Sources: US Department of Commerce (Bureau of the Census and Bureau of Economic Analysis); US Department of Labor (Bureau of Labor Statistics).

**Table 2**  
**Settlement media used by non-banks**  
(USD billions, average for December)

	2005	2006	2007	2008	2009
Notes and coin in circulation outside banks <sup>1</sup>	724.1	749.6	759.8	815.3	862.1
Value of transferable deposits <sup>2</sup>	660.5	626.0	624.4	794.5	851.3
Other <sup>3</sup>	12.0	11.7	1.9	8.9	8.4
Narrow money supply (M1) <sup>4</sup>	1,396.6	1,387.3	1,386.1	1,618.7	1,721.8
<i>Memo:</i>					
Transferable deposits in foreign currencies <sup>5</sup>	2.47	2.80	4.23	4.11	3.28
Outstanding value on e-money storages <sup>6</sup>	nav	nav	nav	nav	nav

<sup>1</sup> Currency in circulation less amount held by the US Treasury, Federal Reserve Banks and depository institutions. <sup>2</sup> Transferable deposits consist of demand deposits and other chequable deposits. <sup>3</sup> Non-bank traveller's cheques. <sup>4</sup> Composition of M1 = currency and coin + traveller's cheques + demand deposits + other chequable deposits. <sup>5</sup> Average for the week beginning on the third Tuesday in December and ending the following Monday. <sup>6</sup> E-money products have not been widely adopted in the United States. In this reporting period, values of e-money outstanding are negligible relative to other forms of settlement media.

Source: Federal Reserve.

**Table 3****Settlement media used by banks**

(USD billions, average of last reserve maintenance period)

	2005	2006	2007	2008	2009
Transferable balances held at the central bank	18.140	14.217	13.166	820.615	1,089.496
<i>required reserves</i> <sup>1</sup>	16.333	12.776	11.827	22.264	29.623
<i>free reserves</i>	1.807	1.441	1.281	798.351	1,059.873
Transferable balances held at other banks <sup>2</sup>	30.147	30.690	30.402	33.902	29.430
<i>Memo:</i>					
Credit extended by the central bank: <sup>3</sup>					
<i>intraday</i>					
<i>peak</i> <sup>4</sup>	116.477	126.675	146.040	46.009	13.226
<i>average</i> <sup>5</sup>	36.292	45.215	51.886	7.387	2.984
<i>overnight</i> <sup>6</sup>	0.259	0.210	3.833	86.444	19.742
<i>longer refinancing operations</i> <sup>7</sup>	<i>nav</i>	<i>nav</i>	<i>nav</i>	541.388	143.783

<sup>1</sup> Required reserves less applied vault cash plus weekly average required clearing balances. <sup>2</sup> Transaction account deposits of commercial banks and other depository institutions in the United States as of 31 December. These transferable balances do not include other immediately available funds, such as federal funds sold and securities purchased under agreements to resell (RPs), which together at year-end 2005 through 2009 amounted to USD 169.2, 246.9, 311.7, 369.5 and 178.7 billion. <sup>3</sup> The Federal Reserve also enters into repurchase agreements (not shown), but these are not for the purpose of providing funds to banks for settlement. <sup>4</sup> Average of peak daylight overdrafts during the reporting period. The peak daylight overdraft for a given day is the greatest value reached by the concurrent sum of daylight overdrafts for all institutions. <sup>5</sup> Average of average daylight overdrafts during the reporting period. The average per-minute daylight overdraft for a given day is the sum of the average per-minute daylight overdrafts for all institutions on that day. <sup>6</sup> Discount window borrowing from Federal Reserve as indicated in statistical release H.3 "Aggregate Reserves of Depository Institutions and the Monetary Base". <sup>7</sup> Term auction credit plus other borrowings from the Federal Reserve less discount window borrowing from the Federal Reserve as indicated in statistical release H.3 "Aggregate Reserves of Depository Institutions and the Monetary Base".

Source: Federal Reserve.

**Table 4****Banknotes and coin**

(USD billions, end of year)

	2005	2006	2007	2008	2009
Total banknotes and coin issued	793.99	820.14	828.91	889.89	928.23
Total banknotes issued	758.84	783.50	792.16	853.65	888.32
<i>USD 100</i>	544.95	564.11	569.25	625.03	656.39
<i>USD 50</i>	62.13	62.79	62.98	64.73	65.35
<i>USD 20</i>	115.41	119.22	121.78	125.12	127.55
<i>USD 10</i>	15.53	15.99	16.16	16.29	16.23
<i>USD 5</i>	10.27	10.49	10.77	11.03	11.20
<i>USD 1</i>	8.76	9.05	9.30	9.48	9.57
<i>other</i>	1.78	1.85	1.92	1.98	2.04
Total coin issued	35.15	36.65	36.75	36.24	39.90
<i>USD 1</i>	3.26	3.20	2.95	2.73	4.37
<i>fractional coins</i>	31.89	33.45	33.80	33.51	35.54
Banknotes and coin held by banks	69.89	70.54	69.11	74.59	66.13
Banknotes and coin in circulation outside banks	724.10	749.60	759.80	815.30	862.10

Sources: Federal Reserve; US Treasury.

**Table 5**  
**Institutions offering payment services to non-banks**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>Central bank<sup>1</sup></b>					
Number of branches or offices <sup>2</sup>	37	37	37	37	37
Number of accounts	nav	nav	nav	nav	nav
Value of accounts	nav	nav	nav	nav	nav
<b>Banks<sup>3</sup></b>					
Number of institutions	17,883	17,466	17,043	16,512	15,953
Number of branches or offices <sup>4</sup>	110,435	111,040	115,105	116,570	116,347
Number of accounts	nav	nav	nav	nav	nav
Value of transaction accounts (USD billions) <sup>5</sup>	902.25	855.90	855.37	993.95	1,059.88
<b>Commercial banks</b>					
Number of institutions	7,458	7,335	7,219	7,021	6,782
Number of branches or offices <sup>4</sup>	76,733	77,099	80,506	83,767	84,097
Value of transaction accounts (USD billions)	745.74	712.57	701.78	845.83	904.13
<b>Savings institutions<sup>6</sup></b>					
Number of institutions	1,371	1,344	1,312	1,281	1,226
Number of branches or offices <sup>4</sup>	13,928	13,650	13,751	11,405	10,910
Value of transaction accounts (USD billions)	67.61	60.34	67.72	59.17	54.59
<b>Credit unions</b>					
Number of institutions	8,792	8,535	8,265	7,964	7,705
Number of branches or offices <sup>4</sup>	19,774	20,291	20,848	21,398	21,340
Value of transaction accounts (USD billions)	77.00	71.80	72.57	74.90	86.56
<b>Branches of foreign banks<sup>7</sup></b>					
Number of institutions	262	252	247	246	240
Number of branches or offices	nav	nav	nav	nav	nav
Value of transaction accounts (USD billions) <sup>8</sup>	11.90	11.18	13.30	14.06	14.60

<sup>1</sup> The Federal Reserve System is the central bank of the United States. It is composed of a central, governmental agency - the Board of Governors - in Washington DC and 12 regional Federal Reserve Banks located in Atlanta, Boston, Chicago, Cleveland, Dallas, Kansas City, Minneapolis, New York, Philadelphia, Richmond, St Louis and San Francisco. <sup>2</sup> Includes 12 Reserve Bank head offices. Some branches no longer provide payment services. A small number of additional regional offices provide cheque or cash services to depository institutions. <sup>3</sup> Banks in this table include depository institutions which are similar in meaning to deposit-taking institutions. <sup>4</sup> Does not include head offices. <sup>5</sup> Includes the sum of deposits of individuals, partnerships and corporations; deposits of the US government, deposits of states and political subdivisions in the US; deposits of commercial banks in the US; deposits of other depository institutions in the US; deposits of banks in foreign countries; deposits of foreign governments and official institutions (including foreign central banks) and certified and official checks. Note that this definition differs from the definition of transferable deposits reported in Table 2. <sup>6</sup> Includes state and federal savings banks, savings and loan associations and cooperative and industrial banks. <sup>7</sup> US branches and agencies of foreign banks. <sup>8</sup> Includes credit balances as well as total transaction accounts.

Sources: Federal Reserve; Office of Thrift Supervision; US Treasury.

**Table 6**  
**Payment card functions and accepting devices**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>Cards issued in the country (millions)<sup>1</sup></b>					
Cards with a cash function <sup>2</sup>	965.3	937.7	982.5	952.4	855.2
Cards with a debit function	269.0	271.4	273.9	276.3	278.8
Cards with a credit function	1,274.9	1,317.5	1,326.8	1,280.5	1,107.6
<i>of which: retailer cards<sup>3</sup></i>	578.6	651.2	618.2	604.4	531.2
Cards with an e-money function <sup>5</sup>	nav	nav	nav	nav	nav
Total number of cards (irrespective of the number of functions on the card)	nav	nav	nav	nav	nav
<b>Terminals located in the country (thousands)</b>					
ATMs	396.0	395.0	409.2	406.1	425.0
<i>ATMs with a cash withdrawal function</i>	396.0	395.0	409.2	406.1	425.0
<i>ATMs with a credit transfer function</i>	nav	nav	nav	nav	nav
POS terminals	nav	nav	nav	nav	nav
<i>of which: EFTPOS terminals<sup>4</sup></i>	5,032.0	5,183.0	5,146.5	5,175.0	nav
E-money card terminals <sup>5</sup>	nav	nav	nav	nav	nav

<sup>1</sup> A card with multiple functions may appear in several categories; therefore, it is not meaningful to add the figures. <sup>2</sup> Includes credit and debit cards with a cash function. <sup>3</sup> These cards generally can only be used with the retailers' own proprietary networks.

<sup>4</sup> PIN-based debit terminals. <sup>5</sup> E-money products have not been widely adopted in the United States. In this reporting period, e-money transaction terminals, volume and value are negligible relative to other card instruments.

Sources: *EFT Data Book* (Thomson Media); *The Nilson Report* (HSN Consultants Inc, Oxnard, CA).



**Table 7**  
**Indicators of the use of payment instruments and terminals by non-banks: volume of transactions**  
 (millions, total for the year)

	2005	2006	2007	2008	2009
<b>Transactions per type of payment instrument<sup>1</sup></b>					
Credit transfers	5,474.9	5,964.8	6,389.7	6,821.3	7,107.4
<i>paper-based</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
<i>non-paper-based (ACH)<sup>2</sup></i>	5,474.9	5,964.8	6,389.7	6,821.3	7,107.1
Direct debits (ACH) <sup>3</sup>	7,192.5	8,680.8	10,240.7	10,977.6	11,032.2
Card payments <sup>4</sup>	42,948.7	48,394.3	53,859.4	58,116.3	60,871.5
<i>payments by cards with a debit function<sup>5</sup></i>	22,203.3	26,037.6	30,247.8	34,215.7	38,518.9
<i>payments by cards with a credit function<sup>6</sup></i>	20,745.4	22,356.7	23,611.6	23,900.6	22,352.6
<i>of which: payments by retailer cards with a credit function</i>	3,049.7	3,181.9	2,988.7	2,861.0	2,655.4
E-money payment transactions <sup>7</sup>	nav	nav	nav	nav	nav
Cheques <sup>8</sup>	32,704.0	30,521.1	28,248.0	26,639.3	25,342.7
<i>Memo:</i>					
ATM transactions <sup>9</sup>	10,524.0	10,104.0	11,372.0	11,748.0	nav
<i>of which: ATM cash withdrawals<sup>10</sup></i>	nav	5,810.0	nav	nav	5,953.4

<sup>1</sup> Includes payments by banks for their own account. <sup>2</sup> Includes an estimate of the number of on-us payments. A study conducted by the Federal Reserve estimated that the number of on-us ACH credit payments was 493 million in 2003 and 824 million in 2006. Other figures are derived from these estimates. <sup>3</sup> Includes an estimate of the number of on-us payments. A study conducted by the Federal Reserve estimated that the number of on-us ACH debit payments was 768 million in 2003 and 1,490 million in 2006. Other figures are derived from these estimates. <sup>4</sup> Payments made in the United States using cards issued inside and outside the United States. <sup>5</sup> Excludes cash back. Studies conducted by the Federal Reserve estimated that the number of debit card payments amounted to 15,600 million in 2003 and 25,300 million in 2006. The figures in the table differ from the Federal Reserve estimates, but are provided to allow a consistent time series. <sup>6</sup> Excludes cash advances. Total of Visa, MasterCard, Discover, American Express, Diners Club and retailer cards. Studies conducted by the Federal Reserve estimated that the number of credit card payments amounted to 19,000 million in 2003 and 21,700 million in 2006. The figures in the table differ from the Federal Reserve estimates, but are provided to allow a consistent time series. <sup>7</sup> E-money products have not been widely adopted in the United States. In this reporting period, e-money transaction terminals, volume and value are negligible relative to other card instruments. <sup>8</sup> Annualised number of paid cheques including commercial cheques, US Treasury cheques and postal money orders. Studies conducted by the Federal Reserve estimated the number of paid cheques in 1995, 2000, 2003 and 2006. Other figures are derived from those estimates. <sup>9</sup> Annualised projection based on March data for each year. Includes cash withdrawals, deposits, transfers between individuals' own accounts and other types of transactions. <sup>10</sup> A study conducted by the Federal Reserve estimated that the number of on-us ATM withdrawals, meaning they involved only one depository institution, amounted to approximately 60% and 61% of the number of ATM cash withdrawals in 2003 and 2006, respectively.

Sources: Federal Reserve; *EFT Data Book* (Thomson Media); *The Nilson Report* (HSN Consultants Inc, Oxnard, CA); Clearing House Interbank Payments System; National Automated Clearing House Association.

**Table 8**  
**Indicators of the use of payment instruments and terminals by non-banks: value of transactions**  
*(USD billions, total for the year)*

	2005	2006	2007	2008	2009
<b>Transactions per type of payment instrument<sup>1</sup></b>					
Credit transfers	15,616.7	17,686.6	19,603.0	20,737.2	20,540.7
<i>paper-based</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
<i>non-paper-based (ACH)<sup>2</sup></i>	<i>15,616.7</i>	<i>17,686.6</i>	<i>19,603.0</i>	<i>20,737.2</i>	<i>20,504.7</i>
Direct debits (ACH) <sup>3</sup>	12,543.7	13,285.4	14,298.4	14,481.8	14,217.5
Card payments <sup>4</sup>	2,645.5	2,968.7	3,287.8	3,490.6	3,385.9
<i>payments by cards with a debit function<sup>5</sup></i>	<i>868.3</i>	<i>1,023.7</i>	<i>1,182.9</i>	<i>1,342.2</i>	<i>1,447.3</i>
<i>payments by cards with a credit function<sup>6</sup></i>	<i>1,777.2</i>	<i>1,944.9</i>	<i>2,104.9</i>	<i>2,148.5</i>	<i>1,938.6</i>
<i>of which: payments by retailer cards with a credit function</i>	<i>193.9</i>	<i>196.1</i>	<i>194.8</i>	<i>206.1</i>	<i>177.2</i>
E-money payment transactions <sup>7</sup>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Cheques <sup>8</sup>	41,745.8	41,600.2	40,946.1	40,919.3	41,120.4
<i>Memo:</i>					
ATM transactions <sup>9</sup>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>of which: ATM cash withdrawals<sup>10</sup></i>	<i>nav</i>	<i>578.0</i>	<i>nav</i>	<i>nav</i>	<i>629.0</i>

<sup>1</sup> Includes payments by banks for their own account. <sup>2</sup> Includes an estimate of the value of on-us payments. A study conducted by the Federal Reserve estimated that the value of on-us ACH credit payments was USD 1,385 billion in 2003 and USD 2,543 billion in 2006. Other figures are derived from these estimates. <sup>3</sup> Includes an estimate of the value of on-us payments. A study conducted by the Federal Reserve estimated that the value of on-us ACH debit payments was USD 2,027 billion in 2003 and USD 2,089 billion in 2006. Other figures are derived from these estimates. <sup>4</sup> Payments made in the United States using cards issued inside and outside the United States. <sup>5</sup> Excludes cash back. Studies conducted by the Federal Reserve estimated that the value of debit card payments was USD 600 billion in 2003 and USD 1,000 billion in 2006. The figures in the table differ from the Federal Reserve estimates, but are provided to allow a consistent time series. <sup>6</sup> Excludes cash advances. Total of Visa, MasterCard, Discover, American Express, Diners Club and retailer cards. Studies conducted by the Federal Reserve estimated that the value of credit card payments was USD 1,700 billion in 2003 and USD 2,100 billion in 2006. The figures in the table differ from the Federal Reserve estimates, but are provided to allow a consistent time series. <sup>7</sup> E-money products have not been widely adopted in the United States. In this reporting period, e-money transaction terminals, volume and value are negligible relative to other card instruments. <sup>8</sup> Annualised value of paid cheques including commercial cheques, US Treasury cheques and postal money orders. Studies conducted by the Federal Reserve estimated the value of paid cheques in 1995, 2000, 2003 and 2006. Other figures are derived from those estimates. <sup>9</sup> Annualised projection based on March data for each year. Includes cash withdrawals, deposits, transfers between individuals' own accounts and other types of transactions. <sup>10</sup> A study conducted by the Federal Reserve estimated the value of on-us ATM withdrawals, meaning they involved only one depository institution.

Sources: Federal Reserve; *EFT Data Book* (Thomson Media); *The Nilson Report* (HSN Consultants Inc, Oxnard, CA); Clearing House Interbank Payments System; National Automated Clearing House Association.

**Table 9**  
**Participation in selected interbank funds transfer systems**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>Large-value payment systems</b>					
<b>CHIPS</b>					
Number of participants	48	46	45	47	48
<b>Fedwire</b>					
Number of participants <sup>1</sup>	7,893	7,669	7,409	7,292	7,329

<sup>1</sup> The total number of institutions with access to the Federal Reserve's Fedwire Funds Service. Previously, only the number of active participants were reported. Values for previous years reflect this revision.

**Table 10**  
**Payments processed by selected interbank funds transfer systems: volume of transactions**  
*(millions, total for the year)*

	2005	2006	2007	2008	2009
<b>Large-value payment systems<sup>1</sup></b>					
CHIPS <sup>2</sup>	71.5	77.9	87.3	92.0	84.8
Fedwire <sup>3</sup>	132.4	133.6	134.7	131.4	124.7
<b>Cheque clearings<sup>4</sup></b>					
Private clearing houses and direct exchanges <sup>5</sup>	13,351.7	12,992.1	12,479.7	11,797.8	11,780.7
Federal Reserve	12,620.0	11,476.0	10,379.0	9,960.0	8,918.0
<b>Automated clearing houses (ACH)</b>					
Private <sup>6</sup>	3,612.8	4,726.7	5,910.3	6,322.5	6,964.9
Debit transfers	1,891.2	2,694.9	3,634.6	4,008.6	4,408.1
Credit transfers	1,721.7	2,031.8	2,275.8	2,313.9	2,556.9
Federal Reserve <sup>7</sup>	7,082.4	7,596.5	8,063.0	8,638.2	8,290.4
Debit transfers	4,031.8	4,490.4	4,842.6	5,083.1	4,731.2
Credit transfers	3,050.6	3,106.2	3,220.4	3,555.1	3,559.2
<b>Memo:</b>					
On-us cheques <sup>4</sup>	6,732.3	6,052.9	5,389.2	4,881.6	4,644.0
On-us ACH <sup>6,8</sup>	1,972.2	2,322.4	2,657.1	2,838.2	2,884.3
Debit transfers	1,269.5	1,495.5	1,763.5	1,885.9	1,892.9
Credit transfers	702.7	826.9	893.5	952.3	991.4

<sup>1</sup> Number of originations; data do not include non-value messages. <sup>2</sup> CHIPS, the Clearing House Interbank Payments System is owned by the Clearing House. <sup>3</sup> Fedwire is operated by the Federal Reserve. <sup>4</sup> Studies conducted by the Federal Reserve estimated the number of cheques paid in 1995, 2000, 2003 and 2006. The number of on-us cheques for those years was also estimated. Total paid cheques = Federal Reserve + private clearing houses and direct exchanges + on-us. Figures for other years are derived from those estimates. <sup>5</sup> Calculated as total cheque volume less Federal Reserve cheque clearings and estimated on-us cheques. <sup>6</sup> Number originated using private automated clearing house (ACH) operators. Includes transfers sent by private ACH operators to the Federal Reserve for transmission to the receiving depository institution. In 2005 through 2009, these transfers amounted to 1,327.6, 1743.8, 2493.3, 2647.2 and 2,956.6 million. <sup>7</sup> Number originated on Federal Reserve ACH. Includes transfers sent by the Federal Reserve to private ACH for transmission to the receiving depository institution. In 2005 through 2009, these transfers amounted to 896.6, 936.7, 1,051.6, 1,137.4 and 977.4 million. <sup>8</sup> A study conducted by the Federal Reserve estimated that the number of on-us ACH payments (processed by only one depository institution) was 1,261 million in 2003 and 2,314 million in 2006. Figures for other years are derived from these estimates.

Sources: Clearing House Interbank Payments System; Federal Reserve; National Automated Clearing House Association.

**Table 11**  
**Payments processed by selected interbank funds transfer systems: value of transactions**  
*(USD billions, total for the year)*

	2005	2006	2007	2008	2009
<b>Large-value payment systems<sup>1</sup></b>					
CHIPS <sup>2</sup>	349,870.7	394,567.3	485,624.1	508,758.7	364,355.1
Fedwire <sup>3</sup>	518,546.7	572,645.8	670,665.1	754,974.6	631,127.1
<b>Cheque clearings<sup>4</sup></b>					
Private clearing houses and direct exchanges <sup>5</sup>	13,704.8	13,004.5	13,314.9	14,188.8	15,631.7
Federal Reserve	15,965.2	16,740.0	16,186.4	15,558.4	14,094.3
<b>Automated clearing houses (ACH)</b>					
Private <sup>6</sup>	10,521.4	12,362.9	13,753.9	13,541.3	13,197.1
<i>Debit transfers</i>	4,334.4	4,957.1	5,363.9	5,078.9	4,696.9
<i>Credit transfers</i>	6,187.0	7,405.8	8,390.1	8,462.4	8,500.2
Federal Reserve <sup>7</sup>	13,511.3	13,976.4	15,064.5	16,424.4	16,432.8
<i>Debit transfers</i>	6,170.5	6,238.7	6,686.6	7,125.4	7,277.7
<i>Credit transfers</i>	7,340.8	7,737.7	8,377.9	9,298.9	9,155.1
<b>Memo:</b>					
On-us cheques <sup>4</sup>	12,075.9	11,855.8	11,444.9	11,172.1	11,394.4
On-us ACH <sup>6,8</sup>	4,127.7	4,632.7	5,083.0	5,253.3	5,128.2
<i>Debit transfers</i>	2,038.8	2,089.6	2,247.9	2,277.5	2,242.8
<i>Credit transfers</i>	2,088.9	2,543.1	2,835.0	2,975.9	2,885.4

<sup>1</sup> Number of originations. <sup>2</sup> CHIPS, the Clearing House Interbank Payments System is owned by the Clearing House. <sup>3</sup> Fedwire is operated by the Federal Reserve. <sup>4</sup> Studies conducted by the Federal Reserve estimated the value of cheques paid in 2000, 2003 and 2006. The value of on-us cheques for those years was also estimated. Total paid cheques = Federal Reserve + private clearing houses and direct exchanges + on-us. Figures for other years are derived from those estimates. <sup>5</sup> Calculated as total cheque value less value of Federal Reserve cheque clearing and value of on-us cheques. <sup>6</sup> Value originated using private ACH operators. Includes transfers sent by private ACH to the Federal Reserve for transmission to the receiving depository institution. In 2005 through 2009, these transfers amounted to USD 2,510.7, 2,695.9, 3,278.6, 3,327.5 and 3,354.3 billion. <sup>7</sup> Value originated on Federal Reserve ACH. Includes transfers sent by the Federal Reserve to private ACH for transmission to the receiving depository institution. In 2005 through 2009, these transfers amounted to USD 1,675.9, 1,552.0, 1,785.0, 2,151.9 and 2,179.6 billion. <sup>8</sup> A study conducted by the Federal Reserve estimated that the value of on-us ACH payments (processed by only one depository institution) was USD 3,413 billion in 2003 and USD 4,632 billion in 2006. Figures for other years are derived from those estimates. Sources: Clearing House Interbank Payments System; Federal Reserve; National Automated Clearing House Association.

**Table 12**  
**Participation in SWIFT by domestic institutions**  
*(end of year)*

	2005	2006	2007	2008	2009
Members	107	114	112	109	117
<i>of which: live</i>	105	113	112	109	116
Sub-members	280	274	285	288	286
<i>of which: live</i>	278	270	281	286	282
Participants	217	227	239	255	301
<i>of which: live</i>	209	216	220	236	279
Total users	604	615	636	652	704
<i>of which: live</i>	592	599	613	631	677
<i>Memo:</i>					
Total SWIFT users	7,888	8,105	8,332	8,830	9,281
<i>members</i>	2,231	2,288	2,276	2,276	2,356
<i>sub-members</i>	3,077	3,120	3,212	3,305	3,306
<i>participants</i>	2,580	2,697	2,844	3,249	3,619

Source: SWIFT.

**Table 13**  
**SWIFT message flows to/from domestic users**  
*(thousands, total for the year)*

	2005	2006	2007	2008	2009
Total messages sent	405,637	470,334	594,068	664,504	660,288
<i>of which:</i>					
<i>category I</i>	67,858	76,282	88,942	95,526	92,067
<i>category II</i>	28,445	31,329	37,194	38,234	32,148
Total messages received	454,395	525,504	674,494	775,348	772,001
<i>of which:</i>					
<i>category I</i>	67,379	74,714	87,141	93,223	87,509
<i>category II</i>	66,757	66,729	73,595	75,395	61,753
Domestic traffic	141,529	171,157	239,057	281,433	290,863
<i>Memo:</i>					
Global SWIFT traffic	2,518,285	2,864,537	3,501,163	3,854,576	3,760,314

Source: SWIFT.

**Table 14**  
**Number of participants in exchanges and trading systems**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>New York Stock Exchange<sup>1, 2</sup></b>					
Total number of participants <sup>3</sup>	1,366	1,274	685	nav	nav
<b>Nasdaq</b>					
Total number of participants	nav	nav	nav	nav	nav
<b>American Stock Exchange<sup>2</sup></b>					
Total number of participants	nav	nav	nav	nav	nav

<sup>1</sup> In March 2006, the privately held NYSE merged with Archipelago Holdings, Inc. to form the publicly traded NYSE Group, Inc. (consisting of NYSE and NYSE Arca). In April 2007, NYSE Group, Inc. merged with Euronext to become NYSE Euronext, Inc. <sup>2</sup> In October 2008, NYSE Euronext acquired the American Stock Exchange. <sup>3</sup> In preparation for the formation of NYSE Group, Inc. in 2006, member seat sales ended in 2005 and were replaced by the sale of annual trading licences. The 2006 figure is equal to the number of initial licences in place at the formation of NYSE Group, Inc. The number of active licences has declined since that time. Source: NYSE Euronext.

**Table 15**  
**Number of listed securities<sup>1</sup>**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>New York Stock Exchange<sup>2, 3</sup></b>					
Total number of listed securities	4,017	nav	nav	nav	nav
debt securities	971	850	nav	nav	nav
<i>short-term paper</i>	nav	nav	nav	nav	nav
<i>bonds</i>	nav	nav	nav	nav	nav
equity <sup>2</sup>	3,046	nav	nav	nav	nav
<b>Nasdaq<sup>4</sup></b>					
Total number of listed securities	3,409	3,388	3,310	3,188	3,012
debt securities	nav	nav	nav	nav	nav
equity	nav	nav	nav	nav	nav
other	nav	nav	nav	nav	nav
<b>American Stock Exchange<sup>3</sup></b>					
Total number of listed securities	1,334	1,433	1,697	nav	nav
debt securities	nav	nav	nav	nav	nav
equity	nav	nav	nav	nav	nav
other	nav	nav	nav	nav	nav

<sup>1</sup> The primary securities exchanges in the United States are the New York Stock Exchange, the Nasdaq Stock Market (Nasdaq), the American Stock Exchange, the Boston Stock Exchange, the Chicago Stock Exchange, the Pacific Stock Exchange and the Philadelphia Stock Exchange. <sup>2</sup> The New York Stock Exchange is part of a newly formed public company that does not report total number of stocks issued. In 2005 through 2009, the number of issuers amounted to 2,707, 2,764, 2,805, 3,507 and 4,014. <sup>3</sup> In October 2008, NYSE Euronext acquired the American Stock Exchange. Since the merger, the number of listed securities has not been separately reported for the American Stock Exchange. <sup>4</sup> Over-the-counter market. Sources: NYSE Euronext; The Nasdaq Stock Market, Inc; American Stock Exchange, Inc. (pre-2008).

**Table 16**  
**Market capitalisation of listed companies**  
*(USD billions, end of year)*

	2005	2006	2007	2008	2009
<b>New York Stock Exchange</b>					
Total market capitalisation/equity	13,310.6	15,421.2	15,650.8	9,208.9	11,837.8
<b>Nasdaq</b>					
Total market capitalisation/equity	3,604.0	3,865.0	4,013.7	2,249.0	3,239.5
<b>American Stock Exchange<sup>1</sup></b>					
Total market capitalisation/equity	229.3	282.8	257.8	nav	nav

<sup>1</sup> In October 2008, NYSE Euronext acquired the American Stock Exchange. Since that time, the market capitalisation for the American Stock Exchange has not been reported separately from the market capitalisation for the New York Stock Exchange.

Source: Federal Reserve.

**Table 17**  
**Number of executed trades**  
*(thousands, total for the year)*

	2005	2006	2007	2008	2009
<b>New York Stock Exchange<sup>1</sup></b>					
Total number of executed securities trades	918,902	1,271,419	2,332,984	3,218,906	2,726,192
debt securities	32	13	3	nav	nav
<i>short-term paper</i>	nav	nav	nav	nav	nav
<i>bonds</i>	nav	nav	nav	nav	nav
equity	918,870	1,271,406	2,332,981	3,218,906	2,726,192
Total number of executed derivatives trades	nav	nav	nav	nav	nav
<b>Nasdaq</b>					
Total number of executed securities trades <sup>2</sup>	1,076,715	1,308,400	1,646,399	2,215,097	2,242,626
debt securities	nav	nav	nav	nav	nav
equity	nav	nav	nav	nav	nav
other	nav	nav	nav	nav	nav
Total number of executed derivatives trades	nav	nav	nav	nav	nav
<b>American Stock Exchange<sup>3</sup></b>					
Total number of executed securities trades	nav	nav	nav	nav	nav
Total number of executed derivatives trades	nav	nav	nav	nav	nav

<sup>1</sup> Beginning in 2004, figures include NYSE Group (NYSE and NYSE Arca) trades. Beginning in 2008, figures include American Stock Exchange trades. <sup>2</sup> Values for previous years reflect revisions reported by the Nasdaq Stock Market, Inc. <sup>3</sup> In October 2008, NYSE Euronext acquired the American Stock Exchange. Since that time, figures for American Stock Exchange equity trades are included with other NYSE figures.

Sources: NYSE Euronext; The Nasdaq Stock Market, Inc.

**Table 18****Value of executed trades***(USD billions, total for the year)*

	2005	2006	2007	2008	2009
<b>New York Stock Exchange<sup>1</sup></b>					
Total value of executed securities trades	17,858.8	21,789.8	29,909.0	28,080.3	17,562.5
debt securities <sup>2</sup>	0.956	0.418	0.090	nav	nav
<i>short-term paper</i>	nav	nav	nav	nav	nav
<i>bonds</i>	nav	nav	nav	nav	nav
equity	17,857.8	21,789.4	29,908.9	28,080.3	17,562.5
Total value of executed derivatives trades	nav	nav	nav	nav	nav
<b>Nasdaq</b>					
Total value of executed securities trades <sup>3</sup>	10,086.7	11,736.0	15,318.6	15,245.3	10,730.2
debt securities	nav	nav	nav	nav	nav
equity	nav	nav	nav	nav	nav
other	nav	nav	nav	nav	nav
Total value of executed derivatives trades	nav	nav	nav	nav	nav
<b>American Stock Exchange<sup>4</sup></b>					
Total value of executed securities trades	nav	nav	nav	nav	nav
Total value of executed derivatives trades	nav	nav	nav	nav	nav

<sup>1</sup> Beginning in 2004, figures include NYSE Group (NYSE and NYSE Arca) trades. Beginning in 2008, figures include American Stock Exchange trades. <sup>2</sup> Par (face) value of bonds traded. <sup>3</sup> Values for previous years reflect revisions reported by the Nasdaq Stock Market, Inc. <sup>4</sup> In October 2008, NYSE Euronext acquired the American Stock Exchange. Since that time, figures for American Stock Exchange (NYSE AMEX) equity trades are included with other NYSE figures.

Sources: NYSE Euronext; The Nasdaq Stock Market, Inc.



**Table 19****Number of clearing members***(end of year)*

	2005	2006	2007	2008	2009
<b>National Securities Clearing Corporation<sup>1</sup></b>					
Total number of clearing members	nav	234	226	221	203
<i>banks</i>	nav	11	12	10	12
<i>other</i>	nav	223	214	211	191
Number of domestic clearing members	nav	231	223	217	200
<i>banks</i>	nav	11	12	10	12
<i>other</i>	nav	220	211	207	191
Number of foreign clearing members	nav	3	3	4	3
<i>central bank</i>	nav	0	0	0	0
<i>central counterparties (CCPs)</i>	nav	0	0	0	0
<i>banks</i>	nav	0	0	0	0
<i>other</i>	nav	3	3	4	3
<b>Fixed Income Securities Clearing Corporation<sup>1</sup></b>					
Total number of clearing members	nav	198	193	200	165
<i>banks</i>	nav	30	39	31	23
<i>other</i>	nav	168	154	169	142
Number of domestic clearing members	nav	173	173	184	149
<i>banks</i>	nav	25	31	31	23
<i>other</i>	nav	148	142	153	126
Number of foreign clearing members	nav	25	20	16	16
<i>banks</i>	nav	11	8	8	8
<i>other</i>	nav	14	12	8	8
<b>a) Government Securities Division</b>					
Total number of clearing members	nav	106	103	97	98
<i>banks</i>	nav	17	20	14	12
<i>other</i>	nav	89	83	83	86
Number of domestic clearing members	nav	91	92	86	85
<i>banks</i>	nav	12	12	14	12
<i>other</i>	nav	79	80	72	73
Number of foreign clearing members	nav	15	11	11	13
<i>banks</i>	nav	11	8	8	8
<i>other</i>	nav	4	3	3	5
<b>b) Mortgage-Backed Securities Division</b>					
Total number of clearing members	nav	92	90	103	67
<i>banks</i>	nav	13	19	17	11
<i>other</i>	nav	79	71	86	56
Number of domestic clearing members	nav	82	81	98	64
<i>banks</i>	nav	13	19	17	11
<i>other</i>	nav	69	62	81	53
Number of foreign clearing members	nav	10	9	5	3
<i>central bank</i>	nav	0	0	0	0
<i>central counterparties (CCPs)</i>	nav	0	0	0	0
<i>banks</i>	nav	0	0	0	0
<i>other</i>	nav	10	9	5	3

<sup>1</sup> Subsidiary of Depository Trust & Clearing Corporation (DTCC).

Source: Depository Trust &amp; Clearing Corporation.

**Table 20****Number of contracts and transactions cleared***(millions, total for the year)*

	2005	2006	2007	2008	2009
<b>National Securities Clearing Corporation<sup>1,2</sup></b>					
Total number of contracts and transactions cleared	6,600.0	8,532.0	13,537.0	21,877.0	23,254.0
<b>Fixed Income Clearing Corporation<sup>1</sup></b>					
Total number of contracts and transactions cleared	26.6	26.6	32.5	37.4	31.1
<b>a) Government Securities Division<sup>3</sup></b>					
Total number of contracts and transactions cleared	24.9	24.9	30.4	34.4	28.7
<b>b) Mortgage-Backed Securities Division</b>					
Total number of contracts and transactions cleared	1.7	1.7	2.1	3.0	2.4

<sup>1</sup> Subsidiary of DTCC. <sup>2</sup> Includes equities, corporate and municipal debt, American Depository Receipts, exchange-traded funds, unit investment trusts, mutual funds, insurance products and other securities. <sup>3</sup> Includes Treasury bills, bonds, notes, zero-coupon securities, government agency securities and inflation-indexed securities.

Source: Depository Trust & Clearing Corporation.

**Table 21****Value of contracts and transactions cleared***(USD billions, total for the year)*

	2005	2006	2007	2008	2009
<b>National Securities Clearing Corporation<sup>1,2</sup></b>					
Total value of contracts and transactions cleared	130,700	174,900	283,200	315,100	209,690
<b>Fixed Income Clearing Corporation<sup>1</sup></b>					
Total value of contracts and transactions cleared	949,900	940,200	1,101,000	1,125,800	999,900
<b>a) Government Securities Division<sup>3</sup></b>					
Total value of contracts and transactions cleared	874,300	864,100	1,006,100	1,014,500	905,100
<b>b) Mortgage-Backed Securities Division</b>					
Total value of contracts and transactions cleared	75,600	76,100	94,900	111,300	94,800

<sup>1</sup> Subsidiary of DTCC. <sup>2</sup> Includes equities, corporate and municipal debt, American Depository Receipts, exchange-traded funds, unit investment trusts, mutual funds, insurance products and other securities. <sup>3</sup> Includes Treasury bills, bonds, notes, zero-coupon securities, government agency securities and inflation-indexed securities.

Source: Depository Trust & Clearing Corporation.

**Table 22**  
**Number of direct participants in CSDs**  
*(end of year)*

	2005	2006	2007	2008	2009
<b>Depository Trust Company<sup>1</sup></b>					
Total number of participants	334	369	467	413	390
<i>central bank</i>	<i>nav</i>	1	1	1	1
<i>central securities depositories</i>	9	10	10	10	9
<i>banks</i>	91	98	102	93	95
<i>other</i>	<i>nav</i>	260	354	319	285
Number of domestic participants					
<i>central bank</i>	<i>nav</i>	1	1	1	1
<i>banks</i>	<i>nav</i>	98	102	93	95
<i>other</i>	<i>nav</i>	258	265	305	280
Number of foreign participants <sup>2</sup>					
<i>central securities depositories</i>	<i>nav</i>	10	13	12	12
<i>banks</i>	<i>nav</i>	1	1	1	1
<i>other</i>	<i>nav</i>	2	2	2	2
<b>Federal Reserve<sup>3</sup></b>					
Total number of participants <sup>4</sup>	3,024	2,829	2,645	2,588	2,566

<sup>1</sup> Subsidiary of Depository Trust & Clearing Corporation (DTCC). <sup>2</sup> Numbers reported in subcategories do not sum to the reported total because one participant is both a bank and a central securities depository.. <sup>3</sup> Number of depository institutions that used the Federal Reserve's Fedwire Securities Service in the respective years. Other Fedwire participants not included in this calculation are: the US Treasury and any entity specifically authorised by federal statute to use the Reserve Banks as fiscal agents or depositories; entities designated by the Secretary of the Treasury; foreign central banks, foreign monetary authorities, foreign governments and certain international organisations. <sup>4</sup> The total number of institutions with access to the Fedwire Securities Service. Previously, only the number of active participants were reported. Values for previous years reflect this revision.

Sources: Depository Trust & Clearing Corporation; Federal Reserve.

**Table 23**  
**Number of securities held on accounts at CSDs**  
*(thousands, end of year)*

	2005	2006	2007	2008	2009
<b>Depository Trust Company</b>					
Total number of securities held	2,600	2,800	3,500	3,500	3,550
debt securities	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
equity	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
other	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<b>Federal Reserve<sup>1</sup></b>					
Total number of securities held	1,117	1,128	1,140	1,148	1,152
debt securities	1,117	1,128	1,140	1,148	1,152
<i>short-term paper</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
<i>bonds</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>

<sup>1</sup> US Treasury and agency securities held in custody at the Federal Reserve's Fedwire Securities Service.

Sources: Depository Trust & Clearing Corporation; Federal Reserve.

**Table 24****Value of securities held on accounts at CSDs***(USD billions, end of year)*

	2005	2006	2007	2008	2009
<b>Depository Trust Company</b>					
Total value of securities held	31,200	36,000	40,000	28,000	34,000
debt securities	nav	nav	nav	nav	nav
equity	nav	nav	nav	nav	nav
other	nav	nav	nav	nav	nav
<b>Federal Reserve<sup>1</sup></b>					
Total value of securities held	31,945	35,903	43,359	47,427	52,662
debt securities	31,945	35,903	43,359	47,427	52,662
<i>short-term paper</i>	nav	nav	nav	nav	nav
<i>bonds</i>	nav	nav	nav	nav	nav

<sup>1</sup> US Treasury and agency securities held in custody at the Federal Reserve's Fedwire Securities Service.

Sources: Depository Trust &amp; Clearing Corporation; Federal Reserve.

**Table 25****Number of delivery instructions processed***(millions, total for the year)*

	2005	2006	2007	2008	2009
<b>Depository Trust Company</b>					
Total number of delivery instructions	263.0	292.7	324.9	316.6	299.5
<b>Federal Reserve<sup>1</sup></b>					
Total number of delivery instructions	22.4	22.3	24.2	25.0	21.1

<sup>1</sup> US Treasury and agency securities transfers processed through the Federal Reserve's Fedwire Securities Service. Data exclude reversals (ie securities sent in error and returned to sender).

Sources: Depository Trust &amp; Clearing Corporation; Federal Reserve.

**Table 26****Value of delivery instructions processed***(USD billions, total for the year)*

	2005	2006	2007	2008	2009
<b>Depository Trust Company</b>					
Total value of delivery instructions	148,200	179,000	210,000	182,000	122,000
<b>Federal Reserve<sup>1</sup></b>					
Total value of delivery instructions	368,897	377,259	435,578	419,347	295,742

<sup>1</sup> US Treasury and agency securities transfers processed through the Federal Reserve's Fedwire Securities Service. Data exclude reversals (ie securities sent in error and returned to sender).

Sources: Depository Trust &amp; Clearing Corporation; Federal Reserve.

## **Comparative tables**



**Table 1**  
**Basic statistical data**

	GDP (USD billions) <sup>1</sup>					Population (millions, yearly average)				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
Australia	735	790	960	1,057	996	20.4	20.7	21.1	21.6	22.0
Belgium	376	399	459	505	472	10.5	10.5	10.7	10.8	10.8
Brazil	882	1,088	1,366	1,635	1,577	183.4	185.6	187.6	189.6	191.5
Canada	1,134	1,279	1,423	1,501	1,337	32.2	32.5	32.9	33.3	33.7
China	2,269	2,709	3,492	4,590	4,912	1,303.7	1,311.0	1,317.9	1,324.7	1,331.4
France	2,144	2,266	2,594	2,851	2,653	62.7	63.2	63.6	64.1	64.5
Germany	2,785	2,918	3,329	3,630	3,334	82.5	82.4	82.3	82.1	81.9
Hong Kong SAR	178	190	207	215	209	6.8	6.9	7.0	7.0	7.0
India	840	945	1,198	1,284	1,287	1,107.0	1,122.0	1,138.0	1,154.0	1,170.0
Italy	1,776	1,863	2,116	2,294	2,114	58.1	58.4	58.9	59.3	59.8
Japan	4,554	4,362	4,377	4,876	5,034	127.8	127.8	127.8	127.7	127.5
Korea	845	951	1,049	931	833	48.1	48.3	48.5	48.6	48.7
Mexico	849	952	1,026	1,089	875	103.3	104.4	105.3	106.2	107.1
Netherlands	638	678	782	872	796	16.3	16.3	16.4	16.5	16.6
Russia	764	990	1,300	1,663	1,225	143.1	142.5	142.1	142.0	141.9
Saudi Arabia	315	356	385	476	376	23.1	23.7	24.2	24.8	25.4
Singapore	120	137	161	182	182	4.3	4.4	4.6	4.8	5.0
South Africa	247	261	286	277	285	47.4	48.0	48.6	49.1	49.6
Sweden	370	399	463	486	404	9.0	9.1	9.2	9.3	9.3
Switzerland	372	391	434	502	493	7.5	7.6	7.6	7.7	7.8
Turkey	484	530	648	735	616	nap	nap	70.6	71.5	72.6
United Kingdom	2,279	2,444	2,812	2,652	2,180	60.2	60.6	61.0	61.4	61.8
United States	12,638	13,399	14,062	14,369	14,119	296.9	299.8	302.0	304.1	307.2
<b>CPSS<sup>2</sup></b>	<b>37,593</b>	<b>40,298</b>	<b>44,928</b>	<b>48,674</b>	<b>46,308</b>	<b>3,754.4</b>	<b>3,785.7</b>	<b>3,887.8</b>	<b>3,920.1</b>	<b>3,953.1</b>

**Table 1 (cont)**

	GDP per capita (USD) <sup>1</sup>					CPI inflation (per cent, yearly average)				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
Australia	35,981	38,060	45,443	49,045	45,227	2.8	3.3	3.0	3.7	2.1
Belgium	35,913	37,855	42,987	46,924	43,518	2.5	2.3	1.8	4.5	0.0
Brazil	4,810	5,865	7,280	8,624	8,234	5.7	3.1	4.5	5.9	4.3
Canada	35,209	39,311	43,280	45,112	39,722	2.2	2.0	2.1	2.4	0.3
China	1,740	2,066	2,650	3,465	3,689	1.8	1.5	4.8	5.9	-0.7
France	34,176	35,863	40,778	44,445	41,130	1.9	1.9	1.6	3.2	0.1
Germany	33,772	35,433	40,463	44,205	40,722	1.9	1.8	2.3	2.8	0.2
Hong Kong SAR	25,998	27,489	29,785	30,815	29,753	0.9	2.0	2.0	4.3	0.5
India	759	842	1,053	1,113	1,100	4.8	4.8	4.8	8.4	10.9
Italy	30,541	31,887	35,935	38,656	35,375	2.2	2.2	2.0	3.5	0.8
Japan	35,640	34,142	34,258	38,185	39,483	-0.3	0.2	0.1	1.4	-1.4
Korea	17,548	19,692	21,655	19,153	17,085	2.8	2.2	2.5	4.7	2.8
Mexico	8,223	9,122	9,737	10,252	8,170	4.0	3.6	4.0	5.1	5.3
Netherlands	39,081	41,470	47,695	52,912	47,998	1.5	1.7	1.6	2.2	1.0
Russia	5,339	6,949	9,148	11,718	8,629	10.9	9.0	11.9	13.3	8.8
Saudi Arabia	13,640	15,041	15,868	19,200	14,809	0.7	2.2	4.1	9.9	5.1
Singapore	28,076	31,031	35,160	37,600	36,534	0.4	1.0	2.1	6.6	0.6
South Africa	5,215	5,445	5,889	5,636	5,750	3.6	5.8	9.0	9.5	6.3
Sweden	41,012	43,940	50,550	52,553	43,261	0.8	1.5	1.7	3.3	1.9
Switzerland	49,602	51,772	56,992	65,148	63,216	1.2	1.1	0.7	2.4	-0.5
Turkey	nav	nav	9,178	10,280	8,486	7.7	9.7	8.4	10.1	6.5
United Kingdom	37,828	40,338	46,102	43,195	35,276	2.0	2.3	2.3	3.6	2.2
United States	42,562	44,693	46,555	47,258	45,957	2.9	2.9	2.5	3.7	-0.1
<b>CPSS<sup>2</sup></b>	<b>9,884</b>	<b>10,505</b>	<b>11,556</b>	<b>12,416</b>	<b>11,714</b>	<b>2.5</b>	<b>2.5</b>	<b>2.9</b>	<b>4.3</b>	<b>1.0</b>

Table 1 (cont)

	Exchange rate vis-à-vis USD (yearly average)					Exchange rate vis-à-vis USD (end of year)				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
Australia	1.3148	1.3203	1.1860	1.1730	1.2520	1.3630	1.2637	1.1343	1.4434	1.1150
Belgium	0.8051	0.7972	0.7308	0.6835	0.7190	0.8477	0.7593	0.6793	0.7185	0.6942
Brazil	2.4341	2.1771	1.9483	1.8375	1.9935	2.3407	2.1380	1.7713	2.3370	1.7412
Canada	1.2116	1.1341	1.0748	1.0660	1.1420	1.1659	1.1653	0.9881	1.2246	1.0466
China	8.0759	7.8238	7.3676	6.8424	6.8279	8.0702	7.8087	7.3046	6.8346	6.8282
France	0.8051	0.7972	0.7308	0.6835	0.7190	0.8477	0.7593	0.6793	0.7185	0.6942
Germany	0.8051	0.7972	0.7308	0.6835	0.7190	0.8477	0.7593	0.6793	0.7185	0.6942
Hong Kong SAR	7.7773	7.7677	7.8014	7.7868	7.7518	7.7525	7.7745	7.8015	7.7505	7.7555
India	44.11	45.33	41.29	43.42	48.40	45.07	44.23	39.41	48.45	46.68
Italy	0.8051	0.7972	0.7308	0.6835	0.7190	0.8477	0.7593	0.6793	0.7185	0.6942
Japan	110.18	116.31	117.77	103.44	93.54	117.74	119.16	112.04	90.64	92.43
Korea	1,024.31	955.51	929.20	1,102.59	1,276.40	1,013.00	929.60	938.20	1,257.50	1,167.60
Mexico	10.90	10.90	10.93	11.14	13.51	10.71	10.88	10.87	13.54	13.06
Netherlands	0.8051	0.7972	0.7308	0.6835	0.7190	0.8477	0.7593	0.6793	0.7185	0.6942
Russia	28.28	27.18	25.57	24.81	31.68	28.78	26.33	24.55	29.38	30.24
Saudi Arabia	3.75	3.75	3.75	3.75	3.75	3.75	3.75	3.75	3.75	3.75
Singapore	1.6646	1.5889	1.5071	1.4148	1.4545	1.6642	1.5336	1.4412	1.4392	1.4034
South Africa	6.3620	6.7670	7.0540	8.2520	8.4370	6.3210	6.9740	6.7860	9.3040	7.3720
Sweden	7.4780	7.3793	6.7585	6.5874	7.6446	7.9584	6.8644	6.4136	7.8106	7.1165
Switzerland	1.2465	1.2536	1.2001	1.0833	1.0854	1.3182	1.2201	1.1240	1.0670	1.0298
Turkey	1.3408	1.4311	1.3015	1.2929	1.5471	1.3418	1.4056	1.1647	1.5123	1.5057
United Kingdom	0.5504	0.5436	0.4997	0.5451	0.6406	0.5809	0.5099	0.4982	0.6844	0.6165
United States	nap	nap	nap	nap	nap	nap	nap	nap	nap	nap
<b>CPSS</b>	<b>nap</b>	<b>nap</b>	<b>nap</b>	<b>nap</b>	<b>nap</b>	<b>nap</b>	<b>nap</b>	<b>nap</b>	<b>nap</b>	<b>nap</b>

Please refer to the individual country tables for a detailed explanation.

<sup>1</sup> Converted at yearly average exchange rates. <sup>2</sup> Sum or average excluding those countries for which data are not available.



**Table 2**  
**Banknotes and coin in circulation**  
*(end of year)*

	Total value (USD billions) <sup>1</sup>					Value per inhabitant (USD) <sup>1</sup>				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
Australia	30.88	35.26	42.01	37.86	49.52	1,511.1	1,699.1	1,988.8	1,756.0	2,249.0
Belgium	nap	nap	nap	nap	nap	nav	nav	nav	nav	nav
Brazil	29.92	40.14	58.08	49.46	75.73	163.2	216.3	309.5	260.9	395.5
Canada	43.36	45.87	56.11	48.02	57.95	1,346.3	1,410.0	1,706.3	1,443.6	1,721.2
China	318.74	371.46	449.54	541.08	606.59	244.5	283.3	341.1	408.5	455.6
France	nap	nap	nap	nap	nap	nav	nav	nav	nav	nav
Germany	nap	nap	nap	nap	nap	nav	nav	nav	nav	nav
Hong Kong SAR	20.16	21.16	21.95	23.97	26.94	2,947.7	3,062.3	3,156.9	3,430.0	3,829.9
India	95.32	114.00	149.89	142.64	171.27	86.1	101.6	131.7	123.6	146.4
Italy	nap	nap	nap	nap	nap	nav	nav	nav	nav	nav
Japan	711.51	708.00	766.29	949.57	925.14	5,568.7	5,541.2	5,997.4	7,436.4	7,255.4
Korea	25.71	29.85	31.15	24.38	31.90	534.0	618.0	642.8	501.6	654.4
Mexico	35.48	41.36	45.53	42.66	48.39	343.6	396.1	432.2	401.5	451.7
Netherlands	nap	nap	nap	nap	nap	nav	nav	nav	nav	nav
Russia	76.41	116.45	168.02	149.02	153.08	533.9	817.3	1,182.3	1,049.7	1,078.7
Saudi Arabia	76.89	80.50	81.59	86.82	90.24	3,325.8	3,399.8	3,365.6	3,499.8	3,556.3
Singapore	9.57	11.05	12.79	14.41	15.85	2,244.2	2,510.5	2,787.9	2,977.3	3,176.9
South Africa	20.67	19.16	23.19	15.53	20.23	436.5	399.4	477.7	316.2	407.6
Sweden	13.96	16.37	17.83	14.37	15.33	1,545.6	1,802.8	1,948.1	1,553.0	1,641.3
Switzerland	33.25	37.46	41.68	48.57	51.15	4,433.2	4,956.5	5,470.9	6,298.8	6,557.2
Turkey	15.03	19.56	24.17	21.50	26.06	nav	nav	342.4	300.7	359.2
United Kingdom	73.03	87.48	95.07	71.71	85.98	1,212.4	1,444.0	1,558.9	1,168.0	1,391.4
United States	793.99	820.14	828.91	889.89	928.23	2,673.9	2,735.6	2,744.3	2,926.7	3,021.3
Euro area	687.37	852.15	1,026.07	1,092.01	1,194.66	2,131.3	2,628.2	3,146.1	3,330.2	3,630.0
<b>CPSS excl euro area<sup>2</sup></b>	<b>2,423.87</b>	<b>2,615.28</b>	<b>2,913.81</b>	<b>3,171.45</b>	<b>3,379.58</b>	<b>687.8</b>	<b>735.7</b>	<b>797.0</b>	<b>860.1</b>	<b>908.6</b>
<b>CPSS incl euro area<sup>2</sup></b>	<b>3,111.23</b>	<b>3,467.44</b>	<b>3,939.88</b>	<b>4,263.46</b>	<b>4,574.24</b>	<b>808.8</b>	<b>893.9</b>	<b>989.4</b>	<b>1,061.8</b>	<b>1,129.8</b>

**Table 2 (cont)**

	Value as a percentage of GDP					Value as a percentage of narrow money				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
Australia	4.35	4.27	4.19	4.41	4.43	23.0	21.5	20.6	22.5	21.9
Belgium	nap	nap	nap	nap	nap	nap	nap	nap	nap	nap
Brazil	3.26	3.62	3.87	3.85	4.20	48.4	49.2	44.5	51.7	52.7
Canada	3.68	3.69	3.62	3.68	3.97	13.33	12.73	12.23	11.50	10.52
China	14.04	13.69	12.76	11.78	12.35	23.98	23.01	21.53	22.25	18.83
France	nap	nap	nap	nap	nap	nap	nap	nap	nap	nap
Germany	nap	nap	nap	nap	nap	nap	nap	nap	nap	nap
Hong Kong SAR	11.30	11.15	10.60	11.08	12.88	44.87	42.41	37.69	37.83	31.12
India	11.59	11.77	11.94	12.40	12.83	58.23	58.20	57.84	61.23	60.07
Italy	nap	nap	nap	nap	nap	nap	nap	nap	nap	nap
Japan	16.70	16.63	16.65	17.06	18.16	16.92	17.03	17.22	17.43	17.14
Korea	3.01	3.05	3.00	2.99	3.50	7.84	7.48	9.24	9.27	9.56
Mexico	4.11	4.33	4.41	4.76	5.34	35.57	36.92	36.65	38.95	39.14
Netherlands	nap	nap	nap	nap	nap	nap	nap	nap	nap	nap
Russia	10.18	11.39	12.40	10.61	11.93	nav	nav	nav	nav	nav
Saudi Arabia	24.38	22.60	21.21	18.23	24.01	101.69	96.53	79.77	76.52	64.88
Singapore	7.99	7.81	7.58	8.05	8.39	34.57	32.43	28.84	27.39	23.79
South Africa	8.32	7.56	7.80	6.33	6.19	25.97	22.06	21.32	19.17	18.51
Sweden	4.01	3.82	3.66	3.50	3.53	10.22	9.22	8.55	7.97	7.11
Switzerland	9.45	9.32	8.99	9.52	9.84	15.10	16.42	17.28	15.76	13.28
Turkey	3.11	3.63	3.34	3.42	4.12	32.54	38.31	36.87	38.05	36.56
United Kingdom	3.38	3.36	3.37	3.40	3.80	4.60	4.48	4.41	4.37	4.47
United States	6.28	6.12	5.89	6.19	6.57	56.85	59.12	59.80	54.98	53.91
Euro area	7.14	7.55	7.72	8.48	9.26	16.73	17.22	17.87	19.44	18.19
<b>CPSS excl euro area<sup>2</sup></b>	<b>8.11</b>	<b>8.13</b>	<b>8.17</b>	<b>8.23</b>	<b>9.15</b>	<b>23.62</b>	<b>23.48</b>	<b>23.46</b>	<b>23.88</b>	<b>22.53</b>
<b>CPSS incl euro area<sup>2</sup></b>	<b>7.78</b>	<b>8.08</b>	<b>8.21</b>	<b>8.19</b>	<b>9.26</b>	<b>21.65</b>	<b>21.56</b>	<b>21.69</b>	<b>22.56</b>	<b>21.21</b>

Please refer to the individual country tables for a detailed explanation.

<sup>1</sup> Converted at end-of-year exchange rates. <sup>2</sup> Sum or average excluding those countries for which data are not available.

**Table 3****Transferable deposits held by banks***(average for December or average of last reserve maintenance period)<sup>1</sup>*

	Transferable balances held at the central bank									
	Total value (USD billions) <sup>2</sup>					Value as a percentage of GDP				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
Australia	0.98	0.89	5.75	12.81	4.58	0.14	0.11	0.57	1.49	0.41
Belgium	11.16	13.58	18.61	15.64	15.23	3.12	3.24	3.77	3.26	3.12
Brazil	13.28	17.19	28.27	15.45	23.85	1.45	1.55	1.88	1.20	1.32
Canada	0.05	0.02	0.32	0.44	2.82	0.00	0.00	0.02	0.03	0.19
China	468.05	616.81	929.65	1,331.73	1,483.07	20.62	22.73	26.39	28.98	30.20
France	33.62	44.38	55.65	57.83	55.04	1.65	1.87	1.99	2.13	2.00
Germany	46.33	54.52	69.91	200.89	137.02	1.75	1.78	1.95	5.82	3.97
Hong Kong SAR <sup>3</sup>	0.20	0.26	1.36	20.39	34.11	0.11	0.14	0.66	9.42	16.31
India	30.07	44.61	83.34	60.12	75.47	3.66	4.61	6.64	5.23	5.65
Italy	19.57	26.83	32.47	33.28	37.23	1.16	1.37	1.43	1.53	1.70
Japan	213.12	43.08	66.73	111.36	154.59	5.00	1.01	1.45	2.00	3.03
Korea	19.09	28.20	28.75	24.26	28.26	2.23	2.88	2.77	2.97	3.10
Mexico	25.16	25.65	25.67	20.68	21.38	2.91	2.69	2.49	2.31	2.36
Netherlands	18.26	24.98	30.74	31.85	nav	3.02	3.51	3.65	3.84	nav
Russia	12.73	18.56	28.96	21.98	20.29	1.70	1.82	2.14	1.56	1.58
Saudi Arabia	6.79	10.62	26.29	22.98	39.80	2.15	2.98	6.83	4.82	10.59
Singapore	4.49	5.74	6.61	9.36	9.98	3.75	4.06	3.92	5.23	5.28
South Africa	4.00	4.64	6.14	5.02	6.30	1.61	1.83	2.07	2.05	1.93
Sweden <sup>3</sup>	0.03	0.02	0.02	26.46	24.05	0.01	0.00	0.00	6.45	5.54
Switzerland	3.76	4.25	4.52	35.91	39.35	1.07	1.06	0.97	7.04	7.57
Turkey	9.36	11.51	16.49	16.49	15.77	1.94	2.13	2.28	2.62	2.49
United Kingdom	5.83	38.99	53.68	nav	nav	0.27	1.50	1.90	nav	nav
United States	18.14	14.22	13.17	820.62	1,089.50	0.14	0.11	0.09	5.71	7.72
<b>CPSS<sup>4</sup></b>	<b>964.07</b>	<b>1,049.56</b>	<b>1,533.11</b>	<b>2,895.56</b>	<b>3,317.67</b>	<b>2.56</b>	<b>2.60</b>	<b>3.41</b>	<b>6.29</b>	<b>7.66</b>

**Table 3 (cont)**

	Transferable balances held at other banks									
	Total value (USD billions) <sup>2</sup>					Value as a percentage of GDP				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
Australia	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Belgium	21.63	33.68	65.31	52.90	71.08	6.05	8.04	13.24	11.02	14.55
Brazil	nap	nap	nap	nap	nap	nap	nap	nap	nap	nap
Canada	6.70	7.48	7.90	9.46	2.95	0.57	0.60	0.51	0.72	0.20
China	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
France <sup>5</sup>	269.31	326.13	442.74	418.24	517.70	13.23	13.71	15.87	15.42	18.84
Germany	271.14	372.61	395.87	451.88	421.69	10.25	12.16	11.06	13.09	12.21
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Italy <sup>3</sup>	122.07	172.61	213.03	347.15	304.10	7.24	8.82	9.36	15.91	13.89
Japan <sup>6</sup>	93.45	52.05	52.42	86.96	86.08	2.11	1.21	1.17	1.81	1.64
Korea	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Mexico	0.18	0.12	0.53	0.27	0.45	0.02	0.01	0.05	0.03	0.05
Netherlands <sup>3</sup>	36.81	56.76	65.45	41.59	nav	6.08	7.98	7.78	5.01	nav
Russia	2.79	5.53	5.35	5.04	4.46	0.37	0.54	0.40	0.36	0.35
Saudi Arabia	58.47	64.91	83.03	91.33	115.51	18.54	18.23	21.58	19.17	30.74
Singapore	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
South Africa	13.78	15.03	19.31	15.38	18.98	5.55	5.93	6.50	6.27	5.81
Sweden <sup>3</sup>	41.70	51.61	60.72	nav	nav	11.98	12.03	12.46	nav	nav
Switzerland <sup>3</sup>	58.25	68.51	128.55	136.10	103.89	16.55	17.04	27.73	26.69	19.99
Turkey	22.45	26.72	24.79	28.83	31.47	4.64	4.95	3.42	4.59	4.97
United Kingdom	1,024.91	1,588.71	746.03	753.37	1,128.05	47.48	60.98	26.45	35.67	49.80
United States <sup>3</sup>	30.15	30.69	30.40	33.90	29.43	0.24	0.23	0.22	0.24	0.21
<b>CPSS<sup>4</sup></b>	<b>2,073.79</b>	<b>2,873.17</b>	<b>2,341.44</b>	<b>2,472.39</b>	<b>2,835.85</b>	<b>6.54</b>	<b>8.58</b>	<b>6.42</b>	<b>6.46</b>	<b>8.08</b>

Please refer to the individual country tables for a detailed explanation.

<sup>1</sup> Except as noted. <sup>2</sup> Converted at end-of-year exchange rates, except as noted. <sup>3</sup> End of year. <sup>4</sup> Sum or average excluding those countries for which data are not available. <sup>5</sup> Average of fourth quarter. <sup>6</sup> Balances at end-September, converted at end-September exchange rates.

**Table 4**  
**Institutions offering payment services to non-banks**  
 (end of year)<sup>1</sup>

	Number of institutions									
	Total number					Number per million inhabitants				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
Australia	230	217	213	204	186	11.3	10.5	10.1	9.5	8.4
Belgium	106	107	112	109	106	10.1	10.1	10.5	10.1	9.8
Brazil <sup>2</sup>	61,097	74,630	97,415	109,640	121,816	333.2	402.2	519.2	578.2	636.2
Canada	1,255	1,210	1,163	1,118	1,054	39.0	37.2	35.4	33.6	31.3
China	28,025	19,810	8,877	5,635	3,859	21.5	15.1	6.7	4.3	2.9
France	856	831	810	730	714	13.6	13.2	12.7	11.4	11.1
Germany	2,090	2,049	2,016	1,982	1,940	25.3	24.9	24.5	24.1	23.7
Hong Kong SAR	200	203	201	201	200	29.2	29.4	28.9	28.8	28.4
India	2,076	1,996	1,944	1,893	1,844	1.9	1.8	1.7	1.6	1.6
Italy	807	824	837	816	830	13.9	14.1	14.2	13.8	13.9
Japan <sup>3</sup>	1,773	1,699	1,656	1,587	1,543	13.9	13.3	13.0	12.4	12.1
Korea	2,885	2,826	2,763	2,734	2,706	59.9	58.5	57.0	56.2	55.5
Mexico	nav	nav	nav	nav	122	nav	nav	nav	nav	1.1
Netherlands	450	371	355	325	nav	27.6	22.7	21.6	19.7	nav
Russia	1,255	1,191	1,138	1,110	1,060	8.8	8.4	8.0	7.8	7.5
Saudi Arabia	16	19	21	23	23	0.7	0.8	0.9	0.9	0.9
Singapore	163	160	161	166	168	38.2	36.4	35.1	34.3	33.7
South Africa	36	35	35	35	32	0.8	0.7	0.7	0.7	0.6
Sweden	126	127	129	130	115	14.0	14.0	14.1	14.0	12.3
Switzerland	339	333	332	329	327	45.2	44.1	43.6	42.7	41.9
Turkey	53	52	52	51	51	nav	nav	0.7	0.7	0.7
United Kingdom	393	388	381	377	366	6.5	6.4	6.2	6.1	5.9
United States	17,883	17,466	17,043	16,512	15,953	60.2	58.3	56.4	54.3	51.9
<b>CPSS<sup>4</sup></b>	<b>122,114</b>	<b>126,544</b>	<b>137,654</b>	<b>145,707</b>	<b>155,015</b>	<b>33.4</b>	<b>34.4</b>	<b>36.4</b>	<b>38.2</b>	<b>39.4</b>

**Table 4 (cont)**

	Number of branches or offices									
	Total number					Number per million inhabitants				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
Australia	6,197	6,423	6,518	6,626	6,678	303.2	309.5	308.6	307.3	303.3
Belgium	5,922	5,882	5,737	5,678	5,608	565.4	557.9	537.8	527.8	517.3
Brazil <sup>2</sup>	88,574	102,804	126,417	140,316	153,870	483.0	554.0	673.7	740.0	803.6
Canada	14,376	11,808	11,884	11,918	11,847	446.4	363.0	361.4	358.3	351.9
China	nav	186,020	192,031	195,461	195,081	nav	141.9	145.7	147.6	146.5
France	40,529	39,863	39,402	39,121	38,334	646.1	630.9	619.5	609.9	594.4
Germany	46,236	42,438	41,865	41,601	41,422	560.7	515.2	508.9	506.6	505.9
Hong Kong SAR	1,502	1,515	1,551	1,587	1,578	219.7	219.3	223.1	227.1	224.4
India	77,349	80,205	83,942	87,891	82,834	69.9	71.5	73.8	76.2	70.8
Italy	44,592	45,413	46,311	47,177	48,258	767.0	777.2	786.5	795.1	807.6
Japan	57,539	56,361	55,747	55,341	55,067	450.3	441.1	436.3	433.4	431.9
Korea	15,967	16,331	16,907	17,382	17,271	331.7	338.1	348.9	357.6	354.3
Mexico	nav	nav	nav	nav	14,179	nav	nav	nav	nav	132.4
Netherlands	3,462	3,478	3,624	3,671	nav	212.2	212.8	220.9	222.7	nav
Russia	74,210	76,548	80,434	82,668	81,788	518.5	537.2	566.0	582.3	576.3
Saudi Arabia	1,224	1,289	1,353	1,410	1,519	52.9	54.4	55.8	56.8	59.9
Singapore	484	484	487	496	498	113.5	110.0	106.1	102.5	99.8
South Africa	2,954	3,082	3,306	2,975	3,102	62.4	64.2	68.1	60.6	62.5
Sweden	2,516	2,458	2,321	nav	nav	278.6	270.7	253.7	nav	nav
Switzerland	5,257	5,195	5,176	5,079	4,995	700.8	687.4	679.4	658.7	640.3
Turkey	9,494	10,268	11,224	12,535	12,860	nav	nav	159.0	175.3	177.2
United Kingdom	28,437	27,889	27,277	24,554	22,743	472.1	460.3	447.3	399.9	368.1
United States	110,435	111,040	115,105	116,570	116,347	371.9	370.4	381.1	383.4	378.7
<b>CPSS<sup>3</sup></b>	<b>637,256</b>	<b>836,794</b>	<b>878,619</b>	<b>900,057</b>	<b>915,879</b>	<b>271.5</b>	<b>227.3</b>	<b>232.3</b>	<b>236.6</b>	<b>233.2</b>

Please refer to the individual country tables for a detailed explanation.

<sup>1</sup> Except as noted. <sup>2</sup> Includes also bank correspondents, which are non-financial entities acting as banks' agents. <sup>3</sup> Sum or average excluding those countries for which data are not available.

**Table 5**  
**Transferable deposits held by non-banks**  
*(end of year)*<sup>1</sup>

	Number of deposit accounts									
	Total number of accounts (thousands)					Number of accounts per inhabitant				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
Australia	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Belgium	13,200	13,247	13,995	15,120	15,834	1.26	1.26	1.31	1.41	1.46
Brazil	95,147	102,644	112,130	125,667	133,628	0.52	0.55	0.60	0.66	0.70
Canada	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
China	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
France	70,816	72,123	73,158	74,431	75,778	1.13	1.14	1.15	1.16	1.17
Germany <sup>2</sup>	85,479	90,945	94,136	93,711	95,127	1.04	1.10	1.14	1.14	1.16
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	4,851	5,192	5,817	nav	nav	0.00	0.00	0.01	nav	nav
Italy <sup>3</sup>	33,091	33,560	34,228	34,408	34,704	0.57	0.57	0.58	0.58	0.58
Japan <sup>4</sup>	528,939	525,265	408,314	405,351	403,624	4.14	4.11	3.20	3.17	3.17
Korea	21,627	24,952	27,283	28,922	30,086	0.45	0.52	0.56	0.60	0.62
Mexico	nav	nav	nav	nav	92,003	nav	nav	nav	nav	0.86
Netherlands	23,574	23,473	23,746	23,825	nav	1.44	1.44	1.45	1.45	nav
Russia	364,223	381,336	434,738	483,361	521,913	2.54	2.68	3.06	3.41	3.68
Saudi Arabia	6,854	8,742	9,693	12,329	13,594	0.30	0.37	0.40	0.50	0.54
Singapore	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
South Africa	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Sweden	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Switzerland	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Turkey	103,514	83,984	95,169	99,827	107,634	nav	nav	1.3	1.4	1.5
United Kingdom	134,054	138,742	143,656	125,696	127,355	2.23	2.29	2.36	2.05	2.06
United States	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
<b>CPSS<sup>5</sup></b>	<b>1,485,369</b>	<b>1,504,205</b>	<b>1,476,062</b>	<b>1,522,648</b>	<b>1,651,281</b>	<b>0.77</b>	<b>0.77</b>	<b>0.73</b>	<b>1.69</b>	<b>1.66</b>

**Table 5 (cont)**

	Value of deposit accounts									
	Total value (USD billions) <sup>6</sup>					Value per inhabitant (USD) <sup>6</sup>				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
Australia	610	764	1,080	963	1,325	29,840	36,813	51,115	44,680	60,157
Belgium	129	152	188	178	198	12,354	14,417	17,667	16,530	18,279
Brazil	38	51	86	58	86	206	272	460	305	447
Canada	359	408	515	517	669	11,157	12,528	15,663	15,557	19,867
China	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
France	540	640	753	705	792	8,600	10,132	11,839	10,997	12,286
Germany <sup>2</sup>	920	1,093	1,261	1,290	1,596	11,152	13,274	15,324	15,709	19,497
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	519	653	899	892	902	469	582	790	773	771
Italy <sup>3</sup>	730	878	988	1,015	1,183	12,554	15,020	16,783	17,099	19,800
Japan <sup>7</sup>	3,231	3,203	3,792	3,836	4,075	25,289	25,067	29,681	30,042	31,956
Korea	70	85	83	61	74	1,463	1,755	1,708	1,252	1,515
Mexico	nav	nav	nav	nav	214	nav	nav	nav	nav	2,001
Netherlands	227	305	351	349	nav	13,942	18,658	21,405	21,193	nav
Russia	235	380	594	601	580	1,642	2,666	4,178	4,236	4,086
Saudi Arabia	131	158	191	226	251	5,645	6,659	7,894	9,095	9,884
Singapore	143	188	232	258	302	33,462	42,731	50,592	53,265	60,511
South Africa	196	221	280	246	309	4,144	4,602	5,766	5,000	6,220
Sweden	194	252	298	259	309	21,516	27,774	32,561	28,008	33,053
Switzerland	130	133	144	222	304	17,290	17,545	18,926	28,808	38,953
Turkey	765	935	1,042	953	1,095	nav	nav	14,766	13,321	15,088
United Kingdom	6,473	8,267	9,214	8,394	4,069	107,467	136,462	151,082	136,711	65,851
United States	902	856	855	994	1,060	3,039	2,855	2,832	3,269	3,450
<b>CPSS<sup>5</sup></b>	<b>16,542</b>	<b>19,621</b>	<b>22,847</b>	<b>22,017</b>	<b>19,392</b>	<b>7,067</b>	<b>8,302</b>	<b>9,297</b>	<b>8,870</b>	<b>7,464</b>

Table 5 (cont)

	Value of deposit accounts as a percentage of GDP				
	2005	2006	2007	2008	2009
Australia	86.0	92.6	107.6	112.1	118.4
Belgium	36.2	36.3	38.2	37.0	40.6
Brazil	4.1	4.6	5.7	4.5	4.7
Canada	30.5	32.7	33.3	39.6	45.8
China	nav	nav	nav	nav	nav
France	26.5	26.9	27.0	26.0	28.8
Germany <sup>2</sup>	34.8	35.7	35.2	37.4	46.2
Hong Kong SAR	nav	nav	nav	nav	nav
India	63.1	67.4	71.6	77.5	67.6
Italy <sup>3</sup>	43.3	44.9	43.4	46.5	54.0
Japan <sup>7</sup>	75.8	74.6	73.2	75.0	80.8
Korea	8.2	8.7	8.0	7.5	8.1
Mexico	nav	nav	nav	nav	23.7
Netherlands	37.6	42.9	41.7	42.1	nav
Russia	31.3	37.2	43.8	42.8	45.2
Saudi Arabia	41.4	44.3	49.7	47.4	66.7
Singapore	119.2	132.9	137.6	144.1	159.8
South Africa	79.0	87.1	94.2	100.0	94.5
Sweden	55.8	58.8	61.1	63.2	71.1
Switzerland	36.9	33.0	31.1	43.6	58.5
Turkey	158.1	173.4	144.0	151.6	173.0
United Kingdom	299.9	317.3	326.7	397.4	179.6
United States	7.1	6.4	6.1	6.9	7.5
<b>CPSS<sup>5</sup></b>	<b>48.2</b>	<b>53.8</b>	<b>56.8</b>	<b>51.5</b>	<b>48.0</b>

Please refer to the individual country tables for a detailed explanation.

<sup>1</sup> Except as noted. <sup>2</sup> Different methodology and data collection method since reporting year 2007. <sup>3</sup> Only deposits held at banks. <sup>4</sup> March of the following year. <sup>5</sup> Sum or average excluding those countries for which data are not available. <sup>6</sup> Converted at end-of-year exchange rates, except as noted. <sup>7</sup> Converted at March (following year) exchange rates.

**Table 6**  
**Payment transactions by non-banks: total number of transactions**  
*(total for the year)*

	Total number of transactions (millions)					Increase in the number of transactions (%)				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
Australia	4,598	4,890	5,266	5,691	6,093	7.1	6.3	7.7	8.1	7.1
Belgium	1,892	1,979	2,100	2,202	2,290	5.3	4.6	6.1	4.9	4.0
Brazil	9,997	10,777	11,846	13,275	18,354	12.0	7.8	9.9	12.1	38.3
Canada	7,855	8,384	8,833	9,319	9,577	6.7	6.7	5.3	5.5	2.8
China	nav	2,881	3,406	4,268	5,185	nav	nav	18.2	25.3	21.5
France	14,224	14,936	15,460	15,893	16,422	1.1	5.0	3.5	2.8	3.3
Germany <sup>1</sup>	15,893	17,212	15,579	16,065	16,763	8.8	8.3	-9.5	3.1	4.3
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	1,372	3,015	3,781	4,432	5,488	11.9	119.8	25.4	17.2	23.8
Italy	3,517	3,606	3,760	3,816	3,957	2.7	2.5	4.3	1.5	3.7
Japan	4,304	6,054	7,352	7,850	nav	-5.4	40.7	21.4	6.8	nav
Korea	6,479	7,742	8,642	9,651	10,625	12.7	19.5	11.6	11.7	10.1
Mexico	1,387	1,720	1,918	2,060	2,092	nav	24.0	11.5	7.4	1.6
Netherlands	3,888	4,219	4,463	4,755	5,014	4.0	8.5	5.8	6.6	5.4
Russia	1,242	2,078	3,065	3,620	3,753	nav	67.3	47.5	18.1	3.7
Saudi Arabia	622	742	811	1,093	1,172	28.7	19.2	9.3	34.8	7.2
Singapore	1,919	2,008	1,999	2,217	2,416	2.4	4.6	-0.4	10.9	9.0
South Africa	nav	nav	nav	nav	1,958	nav	nav	nav	nav	nav
Sweden	1,921	2,194	2,356	2,753	2,847	15.1	14.2	7.4	16.9	3.4
Switzerland	1,052	1,094	1,149	1,223	1,285	4.7	4.0	5.0	6.4	5.0
Turkey	1,275	1,325	1,444	1,713	1,910	nav	3.9	9.0	18.6	11.5
United Kingdom	13,920	14,421	14,884	15,260	15,891	5.6	3.6	3.2	2.5	4.1
United States	88,320	93,561	98,738	102,555	104,354	4.5	5.9	5.5	3.9	1.8
<b>CPSS<sup>2</sup></b>	<b>185,677</b>	<b>204,837</b>	<b>216,852</b>	<b>229,712</b>	<b>237,447</b>	<b>5.4</b>	<b>8.8</b>	<b>5.9</b>	<b>5.9</b>	<b>6.1</b>

**Table 6 (cont)**

	Number per inhabitant					Number per deposit account held by non-banks				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
Australia	225	236	249	264	277	nav	nav	nav	nav	nav
Belgium	181	188	197	205	211	143	149	150	146	145
Brazil	55	58	63	70	96	105	105	106	106	137
Canada	244	258	269	280	284	nav	nav	nav	nav	nav
China	nav	2	3	3	4	nav	nav	nav	nav	nav
France	227	236	243	248	255	201	207	211	214	217
Germany <sup>1</sup>	193	209	189	196	205	186	189	165	171	176
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	1	3	3	4	5	283	581	650	nav	nav
Italy	60	62	64	64	66	106	107	110	111	114
Japan	34	47	58	61	nav	8	12	18	19	nav
Korea	135	160	178	199	218	300	310	317	334	353
Mexico	13	16	18	19	20	nav	nav	nav	nav	23
Netherlands	238	258	272	288	302	165	180	188	200	nav
Russia	9	15	22	26	26	3	5	7	7	7
Saudi Arabia	27	31	33	44	46	91	85	84	89	86
Singapore	450	456	436	458	484	nav	nav	nav	nav	nav
South Africa	nav	nav	nav	nav	39	nav	nav	nav	nav	nav
Sweden	213	242	257	297	305	nav	nav	nav	nav	nav
Switzerland	140	145	151	159	165	nav	nav	nav	nav	nav
Turkey	nav	nav	20	24	26	12	16	15	17	18
United Kingdom	231	238	244	249	257	104	104	104	121	125
United States	297	312	327	337	340	nav	nav	nav	nav	nav
<b>CPSS<sup>2</sup></b>	<b>77</b>	<b>55</b>	<b>57</b>	<b>59</b>	<b>62</b>	<b>53</b>	<b>59</b>	<b>63</b>	<b>63</b>	<b>75</b>

Please refer to the individual country tables for a detailed explanation.

<sup>1</sup> Different methodology and data collection method since reporting year 2007. <sup>2</sup> Sum or average excluding those countries for which data are not available. For credit transfers, data for France (prior to 2005) and the United Kingdom include interbank transactions; however, the total number is relatively small.

**Table 7****Use of payment instruments by non-banks: number of transactions per payment instrument***(millions, total for the year)*

	Credit transfers					Direct debits				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
Australia	1,078.5	1,139.7	1,227.1	1,316.5	1,384.5	488.2	514.0	560.8	605.4	645.7
Belgium	816.5	840.5	897.6	929.5	953.3	219.0	231.3	240.0	247.9	260.3
Brazil	4,800.0	5,300.0	5,954.1	6,651.6	7,157.9	nav	nav	nav	nav	4,264.7
Canada	857.3	939.8	1,034.6	1,083.4	1,136.6	626.1	662.0	702.6	739.0	755.6
China	nav	629.2	687.3	740.3	818.2	nav	nav	nav	nav	nav
France	2,408.4	2,617.1	2,614.1	2,697.3	2,789.5	2,512.8	2,736.8	2,909.8	3,023.6	3,265.5
Germany <sup>1</sup>	6,713.1	7,262.2	5,579.9	5,668.0	5,815.5	6,662.1	7,363.3	7,752.2	7,995.1	8,424.5
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	49.1	77.7	97.5	133.9	198.2	36.0	75.2	127.1	160.1	150.2
Italy	1,048.3	1,066.0	1,094.7	1,062.9	1,204.6	463.2	480.0	508.8	554.1	575.8
Japan <sup>2</sup>	1,354.1	1,361.6	1,398.0	1,401.8	1,414.5	nav	nav	nav	nav	nav
Korea	1,646.3	1,797.0	2,043.3	2,311.5	2,428.0	1,151.6	1,309.8	1,428.1	1,374.7	1,338.1
Mexico	348.3	555.1	621.2	705.1	737.1	30.4	30.3	38.4	41.3	42.1
Netherlands	1,262.7	1,366.1	1,416.2	1,479.7	1,496.9	1,059.3	1,139.1	1,176.9	1,225.5	1,272.1
Russia	859.1	1,346.7	1,836.9	2,082.3	2,036.2	13.5	43.3	80.5	105.2	136.1
Saudi Arabia	1.4	1.8	2.2	3.0	3.4	0.2	0.5	1.0	1.7	1.8
Singapore	21.5	24.1	26.7	30.1	31.7	51.0	53.7	54.0	51.5	52.6
South Africa	nav	nav	nav	nav	438.0	nav	nav	nav	nav	531.7
Sweden	654.0	744.0	810.0	890.0	908.0	160.0	197.0	208.0	229.0	241.0
Switzerland	595.0	618.6	648.1	677.5	702.9	52.2	49.8	43.3	43.6	44.4
Turkey	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
United Kingdom	2,983.7	3,059.0	3,120.5	3,185.1	3,274.6	2,722.2	2,857.8	2,963.5	3,076.9	3,149.2
United States	5,474.9	5,964.8	6,389.7	6,821.3	7,107.4	7,192.5	8,680.8	10,240.7	10,977.6	11,032.2
<b>CPSS<sup>3</sup></b>	<b>31,893.9</b>	<b>35,571.3</b>	<b>36,272.5</b>	<b>38,554.0</b>	<b>40,652.6</b>	<b>22,952.2</b>	<b>25,910.7</b>	<b>28,474.7</b>	<b>29,846.9</b>	<b>35,537.9</b>

**Table 7 (cont)**

	Cheques					E-money payment transactions				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
Australia	483.7	449.9	418.1	371.0	333.0	nav	nav	nav	nav	nav
Belgium	15.7	13.4	10.6	8.8	7.9	102.0	96.0	89.8	81.2	70.5
Brazil	2,526.8	2,210.3	1,999.0	1,963.2	1,802.7	11.1	1.5	1.7	2.5	2.4
Canada	1,353.4	1,325.4	1,283.4	1,214.9	1,132.4	nav	nav	nav	nav	nav
China	nav	1,189.3	977.7	882.3	875.5	nav	nav	nav	nav	nav
France	3,916.3	3,827.0	3,650.4	3,487.4	3,302.6	17.0	20.1	26.4	32.2	36.0
Germany <sup>1</sup>	107.5	108.9	75.4	65.4	57.0	37.8	42.3	52.4	47.6	43.0
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	1,286.8	1,367.3	1,460.6	1,397.4	1,379.1	nav	nav	nav	nav	nav
Italy	465.6	453.8	426.4	384.9	335.2	20.4	33.9	49.6	72.6	89.7
Japan	146.5	134.2	123.6	112.0	96.2	nav	nav	809.6	1,116.1	1,509.6
Korea	820.3	1,152.5	1,186.1	1,104.0	931.4	159.4	166.7	135.6	115.6	113.3
Mexico	569.3	551.5	537.2	500.9	461.3	nav	nav	nav	nav	nav
Netherlands	nav	nav	nav	nav	nav	146.9	164.6	174.8	176.1	177.0
Russia	0.6	0.6	0.3	0.0	0.0	4.5	4.3	1.9	7.4	47.7
Saudi Arabia	7.6	7.2	7.1	7.3	7.1	nav	nav	nav	nav	nav
Singapore	85.7	84.3	85.8	83.5	79.1	1,621.6	1,691.0	1,662.6	1,869.5	2,047.8
South Africa	nav	nav	nav	nav	104.3	nav	nav	nav	nav	nav
Sweden	1.0	1.0	1.0	1.0	1.0	nav	nav	nav	nav	nav
Switzerland	1.8	1.5	1.3	1.0	0.7	19.2	18.8	17.7	17.3	15.8
Turkey	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
United Kingdom	1,931.0	1,778.0	1,600.0	1,403.0	1,282.0	nav	nav	nav	nav	nav
United States	32,704.0	30,521.1	28,248.0	26,639.3	25,342.7	nav	nav	nav	nav	nav
<b>CPSS<sup>3</sup></b>	<b>45,939.8</b>	<b>44,727.1</b>	<b>41,673.8</b>	<b>39,256.5</b>	<b>37,198.2</b>	<b>2,140.0</b>	<b>2,239.2</b>	<b>3,022.1</b>	<b>3,538.0</b>	<b>4,152.9</b>

Please refer to the individual country tables for a detailed explanation.

<sup>1</sup> Different methodology and data collection method since reporting year 2007. <sup>2</sup> For credit transfers, total transactions during the fiscal year ending March of the following year. <sup>3</sup> Sum or average excluding those countries for which data are not available. For credit transfers, data for France (prior to 2005) and the United Kingdom include interbank transactions; however, the total number is relatively small.

Table 7 (cont)

	Card payments (except e-money)					of which: by cards with a debit function				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
Australia	2,389.8	2,602.6	2,848.2	3,158.6	3,466.0	1,207.6	1,338.1	1,505.0	1,740.7	1,985.3
Belgium	738.5	797.4	861.5	934.1	997.4	659.5	710.4	764.2	828.2	885.2
Brazil	2,659.3	3,265.2	3,891.6	4,658.1	5,126.2	1,140.8	1,427.9	1,700.4	2,097.7	2,310.4
Canada	5,018.1	5,457.0	5,812.0	6,281.6	6,552.4	3,070.1	3,293.2	3,451.8	3,705.0	3,881.0
China	nav	1,062.4	1,741.1	2,645.3	3,491.2	nav	nav	nav	nav	nav
France <sup>1</sup>	5,243.8	5,615.4	6,144.7	6,542.5	6,923.3	nav	nav	nav	nav	nav
Germany <sup>2</sup>	2,372.1	2,435.6	2,119.6	2,289.0	2,422.9	1,982.3	2,026.8	1,705.9	1,866.7	1,980.5
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	100.3	100.7
India	1,049.4	1,494.6	2,096.2	2,740.7	3,760.5	nav	1,319.2	1,862.1	2,476.1	3,517.6
Italy	1,196.3	1,236.6	1,329.3	1,395.9	1,471.5	732.8	770.7	825.4	873.3	902.2
Japan	2,803.8	4,558.5	5,020.8	5,220.4	nav	11.8	10.9	11.5	12.4	13.2
Korea	2,701.2	3,315.0	3,848.4	4,744.9	5,814.1	199.0	331.4	512.7	743.9	1,050.1
Mexico	438.7	583.1	721.7	812.5	851.2	210.5	276.5	356.0	415.9	474.9
Netherlands	1,418.9	1,549.0	1,695.1	1,874.1	2,067.7	1,345.2	1,465.7	1,606.5	1,779.9	1,978.1
Russia	144.1	224.9	352.7	517.3	677.2	138.5	215.5	334.7	489.2	641.2
Saudi Arabia	599.3	709.8	755.9	992.2	1,066.5	599.3	709.8	755.9	992.2	1,066.5
Singapore	138.8	154.4	169.4	182.5	205.1	138.8	154.4	169.4	182.5	205.1
South Africa	nav	nav	nav	nav	884.3	nav	nav	nav	nav	nav
Sweden	1,057.0	1,191.0	1,338.0	1,634.0	1,697.0	887.0	994.0	1,148.0	1,395.0	1,337.0
Switzerland	384.0	405.5	438.8	483.8	521.0	276.6	292.2	309.1	343.3	371.8
Turkey	1,275.0	1,325.0	1,444.0	1,713.0	1,910.0	33.8	50.1	73.9	106.8	153.9
United Kingdom	6,283.0	6,726.0	7,200.0	7,595.0	8,185.0	4,206.0	4,651.0	5,085.0	5,446.0	6,017.0
United States	42,948.7	48,394.3	53,859.4	58,116.3	60,871.5	22,203.3	26,037.6	30,247.8	34,215.7	38,518.9
<b>CPSS<sup>3</sup></b>	<b>78,469.9</b>	<b>90,500.7</b>	<b>100,840.3</b>	<b>111,373.3</b>	<b>115,496.0</b>	<b>37,835.0</b>	<b>44,737.1</b>	<b>50,920.3</b>	<b>58,070.2</b>	<b>65,405.2</b>

Table 7 (cont)

	by cards with a delayed debit function					by cards with a credit function				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
Australia	nav	nav	nav	nav	nav	1,182.2	1,264.5	1,343.1	1,418.0	1,480.8
Belgium	79.1	87.0	97.3	105.9	112.2	nav	nav	nav	nav	nav
Brazil	nav	nav	nav	nav	nav	1,518.5	1,837.3	2,191.2	2,560.3	2,815.8
Canada <sup>4</sup>	nav	nav	nav	nav	nav	1,948.0	2,163.8	2,360.2	2,576.6	2,671.4
China	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
France <sup>1</sup>	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Germany <sup>2</sup>	389.8	408.8	345.4	354.9	360.5	nav	nav	68.3	67.5	81.9
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	321.3	338.1
India	nav	nav	nav	0.5	6.5	nav	175.4	234.1	264.1	236.4
Italy <sup>6</sup>	nav	nav	nav	0.0	0.0	463.5	465.9	503.9	522.6	569.3
Japan	nav	nav	nav	nav	nav	2,792.1	4,547.6	5,009.3	5,208.0	nav
Korea	nav	nav	nav	nav	nav	2,493.6	2,970.0	3,317.2	3,980.6	4,734.4
Mexico	nav	nav	nav	nav	nav	228.2	306.7	365.8	396.5	376.3
Netherlands <sup>5</sup>	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Russia	nav	nav	nav	nav	nav	5.5	9.4	18.0	28.1	36.0
Saudi Arabia	nav	nav	nav	nav	nav	15.3	23.1	29.2	29.4	31.1
Singapore	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
South Africa	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Sweden	59.0	63.0	68.0	92.0	59.0	111.0	134.0	122.0	147.0	301.0
Switzerland <sup>7</sup>	nav	nav	nav	nav	nav	107.4	113.2	129.8	140.6	149.2
Turkey	nav	nav	nav	nav	nav	1,241.0	1,274.0	1,370.0	1,606.0	1,757.0
United Kingdom	265.0	180.0	178.0	179.0	166.0	1,812.0	1,788.0	1,806.0	1,791.0	1,819.0
United States	0.0	0.0	0.0	0.0	0.0	20,745.4	22,356.7	23,611.6	23,900.6	22,352.6
<b>CPSS<sup>3</sup></b>	<b>792.9</b>	<b>738.8</b>	<b>688.8</b>	<b>732.3</b>	<b>704.2</b>	<b>33,481.6</b>	<b>38,165.2</b>	<b>41,136.5</b>	<b>43,540.2</b>	<b>38,269.4</b>

Please refer to the individual country tables for a detailed explanation.

<sup>1</sup> A breakdown by types of function is not available. <sup>2</sup> Different methodology and data collection method since reporting year 2007. <sup>3</sup> Sum or

average excluding those countries for which data are not available. <sup>4</sup> For cards with a credit function, includes charge cards. <sup>5</sup> For cards with

a delayed debit function, includes cards with a credit function. <sup>6</sup> For cards with a delayed debit function, includes cards with a credit function.

<sup>7</sup> For cards with a credit function, includes cards with a delayed debit function.



**Table 7a****Use of payment instruments by non-banks: relative importance of payment instruments, in number of transactions***(% of total number of transactions)*

	Credit transfers					Direct debits				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
Australia	24.3	24.2	24.3	24.1	23.8	11.0	10.9	11.1	11.1	11.1
Belgium	43.2	42.5	42.8	42.2	41.6	11.6	11.7	11.4	11.3	11.4
Brazil	48.0	49.2	50.3	50.1	39.0	nav	nav	nav	nav	23.2
Canada	10.9	11.2	11.7	11.6	11.9	8.0	7.9	8.0	7.9	7.9
China	nav	21.8	20.2	17.3	15.8	nav	nav	nav	nav	nav
France	17.1	17.7	17.0	17.1	17.1	17.8	18.5	19.0	19.2	20.0
Germany <sup>1</sup>	42.2	42.2	35.8	35.3	34.7	41.9	42.8	49.8	49.8	50.3
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	2.0	2.6	2.6	3.0	3.6	1.5	2.5	3.4	3.6	2.7
Italy	32.8	32.6	32.1	30.6	32.8	14.5	14.7	14.9	16.0	15.7
Japan	31.5	22.5	19.0	17.9	nav	nav	nav	nav	nav	nav
Korea	25.4	23.2	23.6	24.0	22.9	17.8	16.9	16.5	14.2	12.6
Mexico	25.1	32.3	32.4	34.2	35.2	2.2	1.8	2.0	2.0	2.0
Netherlands	32.5	32.4	31.7	31.1	29.9	27.2	27.0	26.4	25.8	25.4
Russia	84.1	83.1	80.8	76.8	70.3	1.3	2.7	3.5	3.9	4.7
Saudi Arabia	0.2	0.3	0.3	0.3	0.3	0.0	0.1	0.1	0.2	0.2
Singapore	1.1	1.2	1.3	1.4	1.3	2.7	2.7	2.7	2.3	2.2
South Africa	nav	nav	nav	nav	22.4	nav	nav	nav	nav	27.2
Sweden	34.9	34.9	34.4	32.3	31.9	8.5	9.2	8.8	8.3	8.5
Switzerland	56.5	56.5	56.4	55.4	54.7	5.0	4.5	3.8	3.6	3.5
Turkey	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
United Kingdom	21.4	21.2	21.0	20.9	20.6	19.6	19.8	19.9	20.2	19.8
United States	6.2	6.4	6.5	6.7	6.8	8.1	9.3	10.4	10.7	10.6
<b>CPSS<sup>2</sup></b>	<b>17.6</b>	<b>17.9</b>	<b>17.2</b>	<b>17.3</b>	<b>17.4</b>	<b>12.7</b>	<b>13.0</b>	<b>13.5</b>	<b>13.4</b>	<b>15.2</b>

**Table 7a (cont)**

	Cheques					E-money payment transactions				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
Australia	10.9	9.6	8.3	6.8	5.7	nav	nav	nav	nav	nav
Belgium	0.8	0.7	0.5	0.4	0.3	5.4	4.9	4.3	3.7	3.1
Brazil	25.3	20.5	16.9	14.8	9.8	0.1	0.0	0.0	0.0	0.0
Canada	17.2	15.8	14.5	13.0	11.8	nav	nav	nav	nav	nav
China	nav	41.3	28.7	20.7	16.9	nav	nav	nav	nav	nav
France	27.8	25.8	23.8	22.1	20.2	0.1	0.1	0.2	0.2	0.2
Germany <sup>1</sup>	0.7	0.6	0.5	0.4	0.3	0.2	0.2	0.3	0.3	0.3
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	53.1	45.4	38.6	31.5	25.1	nav	nav	nav	nav	nav
Italy	14.6	13.9	12.5	11.1	9.1	0.6	1.0	1.5	2.1	2.4
Japan	3.4	2.2	1.7	1.4	nav	nav	nav	11.0	14.2	nav
Korea	12.7	14.9	13.7	11.4	8.8	2.5	2.2	1.6	1.2	1.1
Mexico	41.1	32.1	28.0	24.3	22.1	nav	nav	nav	nav	nav
Netherlands	nav	nav	nav	nav	nav	3.8	3.9	3.9	3.7	3.5
Russia	0.1	0.0	0.0	0.0	0.0	0.4	0.3	0.1	0.3	1.6
Saudi Arabia	1.2	1.0	0.9	0.7	0.7	nav	nav	nav	nav	nav
Singapore	4.5	4.2	4.3	3.8	3.3	84.5	84.2	83.2	84.3	84.7
South Africa	nav	nav	nav	nav	5.3	nav	nav	nav	nav	nav
Sweden	0.1	0.0	0.0	0.0	0.0	nav	nav	nav	nav	nav
Switzerland	0.2	0.1	0.1	0.1	0.1	1.8	1.7	1.5	1.4	1.2
Turkey	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
United Kingdom	13.9	12.3	10.7	9.2	8.1	nav	nav	nav	nav	nav
United States	37.0	32.6	28.6	26.0	24.3	nav	nav	nav	nav	nav
<b>CPSS<sup>2</sup></b>	<b>25.3</b>	<b>22.5</b>	<b>19.8</b>	<b>17.6</b>	<b>16.0</b>	<b>1.2</b>	<b>1.1</b>	<b>1.4</b>	<b>1.6</b>	<b>1.8</b>

Please refer to the individual country tables for a detailed explanation.

<sup>1</sup> Different methodology and data collection method since reporting year 2007. <sup>2</sup> Sum or average excluding those countries for which data are not available. For credit transfers, data for France (prior to 2005) and the United Kingdom include interbank transactions; however, the total number is relatively small.

Table 7a (cont)

	Card payments (except e-money)					of which: by cards with a debit function				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
Australia	53.8	55.3	56.4	57.9	59.5	27.2	28.4	29.8	31.9	34.1
Belgium	39.0	40.3	41.0	42.4	43.6	34.9	35.9	36.4	37.6	38.7
Brazil	26.6	30.3	32.9	35.1	27.9	11.4	13.2	14.4	15.8	12.6
Canada	63.9	65.1	65.8	67.4	68.4	39.1	39.3	39.1	39.8	40.5
China	nav	36.9	51.1	62.0	67.3	nav	nav	nav	nav	nav
France	37.2	37.9	40.0	41.5	42.4	nav	nav	nav	nav	nav
Germany <sup>1</sup>	14.9	14.2	13.6	14.2	14.5	12.5	11.8	10.9	11.6	11.8
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	43.3	49.6	55.4	61.8	68.5	nav	43.8	49.2	55.9	64.1
Italy	37.5	37.8	39.0	40.2	40.0	22.9	23.6	24.2	25.2	24.5
Japan	65.1	75.3	68.3	66.5	nav	0.3	0.2	0.2	0.2	nav
Korea	41.7	42.8	44.5	49.2	54.7	3.1	4.3	5.9	7.7	9.9
Mexico	31.6	33.9	37.6	39.4	40.7	15.2	16.1	18.6	20.2	22.7
Netherlands	36.5	36.7	38.0	39.4	41.2	34.6	34.7	36.0	37.4	39.5
Russia	14.1	13.9	15.5	19.1	23.4	13.6	13.3	14.7	18.0	22.1
Saudi Arabia	98.5	98.7	98.7	98.8	98.9	98.5	98.7	98.7	98.8	98.9
Singapore	7.2	7.7	8.5	8.2	8.5	7.2	7.7	8.5	8.2	8.5
South Africa	nav	nav	nav	nav	45.2	nav	nav	nav	nav	nav
Sweden	56.5	55.8	56.8	59.3	59.6	47.4	46.6	48.7	50.7	47.0
Switzerland	36.5	37.1	38.2	39.6	40.6	26.3	26.7	26.9	28.1	28.9
Turkey	nav	nav	nav	nav	nav	2.6	3.8	5.1	6.2	8.1
United Kingdom	45.1	46.6	48.4	49.8	51.5	30.2	32.3	34.2	35.7	37.9
United States	48.6	51.7	54.5	56.7	58.3	25.1	27.8	30.6	33.4	36.9
<b>CPSS<sup>2</sup></b>	<b>43.3</b>	<b>45.5</b>	<b>48.0</b>	<b>50.0</b>	<b>49.6</b>	<b>20.9</b>	<b>22.5</b>	<b>24.2</b>	<b>26.1</b>	<b>28.1</b>

Table 7a (cont)

	by cards with a delayed debit function					by cards with a credit function				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
Australia	nav	nav	nav	nav	nav	26.6	26.9	26.6	26.0	25.4
Belgium	4.2	4.4	4.6	4.8	4.9	nav	nav	nav	nav	nav
Brazil	nav	nav	nav	nav	nav	15.2	17.0	18.5	19.3	15.3
Canada	nav	nav	nav	nav	nav	24.8	25.8	26.7	27.6	27.9
China	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
France	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Germany <sup>1</sup>	2.5	2.4	2.2	2.2	2.2	nav	nav	0.4	0.4	0.5
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	nav	nav	nav	0.0	0.1	nav	5.8	6.2	6.0	4.3
Italy	nav	nav	nav	0.0	0.0	14.5	14.2	14.8	15.1	15.5
Japan	nav	nav	nav	nav	nav	64.9	75.1	68.1	66.3	nav
Korea	nav	nav	nav	nav	nav	38.5	38.4	38.4	41.2	44.6
Mexico	nav	nav	nav	nav	nav	16.5	17.8	19.1	19.3	18.0
Netherlands	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Russia	nav	nav	nav	nav	nav	0.5	0.6	0.8	1.0	1.2
Saudi Arabia	nav	nav	nav	nav	nav	2.5	3.2	3.8	2.9	2.9
Singapore	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
South Africa	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Sweden	3.2	3.0	2.9	3.3	2.1	5.9	6.3	5.2	5.3	10.6
Switzerland	nav	nav	nav	nav	nav	10.2	10.3	11.3	11.5	11.6
Turkey	nav	nav	nav	nav	nav	97.3	96.2	94.9	93.8	92.0
United Kingdom	1.9	1.2	1.2	1.2	1.0	13.0	12.4	12.1	11.7	11.4
United States	0.0	0.0	0.0	0.0	0.0	23.5	23.9	23.9	23.3	21.4
<b>CPSS<sup>2</sup></b>	<b>0.4</b>	<b>0.4</b>	<b>0.3</b>	<b>0.3</b>	<b>0.3</b>	<b>18.5</b>	<b>19.2</b>	<b>19.6</b>	<b>19.6</b>	<b>16.4</b>

Please refer to the individual country tables and the footnotes to Comparative Table 7 for a detailed explanation.

<sup>1</sup> Different methodology and data collection method since reporting year 2007. <sup>2</sup> Sum or average excluding those countries for which data are not available.

**Table 7b****Use of payment instruments by non-banks: increase in the number of transactions**

(% change on previous year)

	Credit transfers					Direct debits				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
Australia	9.8	5.7	7.7	7.3	5.2	8.3	5.3	9.1	8.0	6.6
Belgium	3.6	2.9	6.8	3.6	2.6	3.6	5.6	3.7	3.3	5.0
Brazil	15.9	10.4	12.3	11.7	7.6	nav	nav	nav	nav	nav
Canada	7.7	9.6	10.1	4.7	4.9	6.1	5.7	6.1	5.2	2.2
China	nav	nav	9.2	7.7	10.5	nav	nav	nav	nav	nav
France	-7.3	8.7	-0.1	3.2	3.4	-1.2	8.9	6.3	3.9	8.0
Germany <sup>1</sup>	8.8	8.2	-23.2	1.6	2.6	10.0	10.5	5.3	3.1	5.4
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	13.9	58.2	25.5	37.3	48.0	135.3	108.9	69.0	26.0	-6.2
Italy	0.0	1.7	2.7	-2.9	13.3	2.2	3.6	6.0	8.9	3.9
Japan	1.8	0.6	2.7	0.3	0.9	nav	nav	nav	nav	nav
Korea	6.6	9.2	13.7	13.1	5.0	13.2	13.7	9.0	-3.7	-2.7
Mexico	nav	59.4	11.9	13.5	4.5	nav	-0.4	26.7	7.6	1.9
Netherlands	-0.1	8.2	3.7	4.5	1.2	0.8	7.5	3.3	4.1	3.8
Russia	nav	56.7	36.4	13.4	-2.2	nav	221.9	85.8	30.7	29.4
Saudi Arabia	29.6	28.2	19.6	37.2	14.0	12.6	103.7	104.3	71.2	7.3
Singapore	9.8	12.0	10.9	12.4	5.4	7.3	5.2	0.5	-4.5	2.1
South Africa	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Sweden	11.0	13.8	8.9	9.9	2.0	11.9	23.1	5.6	10.1	5.2
Switzerland	4.9	4.0	4.8	4.5	3.8	1.4	-4.7	-13.0	0.7	1.9
Turkey	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
United Kingdom	14.8	2.5	2.0	2.1	2.8	5.1	5.0	3.7	3.8	2.3
United States	9.5	8.9	7.1	6.8	4.2	25.0	20.7	18.0	7.2	0.5
<b>CPSS<sup>2</sup></b>	<b>7.7</b>	<b>9.4</b>	<b>2.1</b>	<b>6.3</b>	<b>4.3</b>	<b>11.6</b>	<b>12.7</b>	<b>9.9</b>	<b>4.9</b>	<b>3.1</b>

**Table 7b (cont)**

	Cheques					E-money payment transactions				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
Australia	-8.3	-7.0	-7.1	-11.3	-10.2	nav	nav	nav	nav	nav
Belgium	-18.0	-14.6	-21.0	-16.7	-10.0	-4.6	-5.9	-6.5	-9.6	-13.2
Brazil	-3.2	-12.5	-9.6	-1.8	-8.2	nav	-86.8	14.0	50.0	-4.7
Canada	-2.8	-2.1	-3.2	-5.3	-6.8	nav	nav	nav	nav	nav
China	nav	nav	-17.8	-9.8	-0.8	nav	nav	nav	nav	nav
France	-5.3	-2.3	-4.6	-4.5	-5.3	6.4	17.8	31.8	21.7	12.0
Germany <sup>1</sup>	-3.1	1.3	-30.7	-13.3	-12.9	-1.4	11.9	23.8	-9.1	-9.7
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	10.3	6.3	6.8	-4.3	-1.3	nav	nav	nav	nav	nav
Italy	-4.4	-2.5	-6.0	-9.7	-12.9	118.5	66.3	46.3	46.4	23.6
Japan	-8.0	-8.4	-7.9	-9.4	-14.1	nav	nav	nav	37.9	35.3
Korea	-5.9	40.5	2.9	-6.9	-15.6	-1.7	4.6	-18.7	-14.7	-2.0
Mexico	nav	-3.1	-2.6	-6.7	-7.9	nav	nav	nav	nav	nav
Netherlands	nav	nav	nav	nav	nav	15.4	12.1	6.2	0.7	0.5
Russia	nav	7.6	-57.9	-87.5	-69.7	nav	-4.9	-57.1	298.5	547.3
Saudi Arabia	1.9	-5.2	-1.4	3.5	-2.9	nav	nav	nav	nav	nav
Singapore	-1.2	-1.7	1.9	-2.7	-5.2	1.5	4.3	-1.7	12.4	9.5
South Africa	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Sweden	0.0	0.0	0.0	0.0	0.0	nav	nav	nav	nav	nav
Switzerland	-33.3	-16.7	-16.0	-17.5	-31.7	1.1	-2.1	-5.9	-2.5	-8.5
Turkey	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
United Kingdom	-7.6	-7.9	-10.0	-12.3	-8.6	nav	nav	nav	nav	nav
United States	-6.4	-6.7	-7.4	-5.7	-4.9	nav	nav	nav	nav	nav
<b>CPSS<sup>2</sup></b>	<b>-5.6</b>	<b>-5.2</b>	<b>-6.8</b>	<b>-5.9</b>	<b>-5.6</b>	<b>2.3</b>	<b>4.6</b>	<b>-1.2</b>	<b>17.1</b>	<b>17.4</b>

Please refer to the individual country tables for a detailed explanation.

<sup>1</sup> Different methodology and data collection method since reporting year 2007. <sup>2</sup> Sum or average excluding those countries for which data are not available. For credit transfers, data for France (prior to 2005) and the United Kingdom include interbank transactions; however, the total number is relatively small.

Table 7b (cont)

	Card payments (except e-money)					of which: by cards with a debit function				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
Australia	8.6	8.9	9.4	10.9	9.7	11.8	10.8	12.5	15.7	14.1
Belgium	10.0	8.0	8.0	8.4	6.8	10.4	7.7	7.6	8.4	6.9
Brazil	22.1	22.8	19.2	19.7	10.1	24.9	25.2	19.1	23.4	10.1
Canada	9.5	8.7	6.5	8.1	4.3	8.9	7.3	4.8	7.3	4.8
China	nav	nav	63.9	51.9	32.0	nav	nav	nav	nav	nav
France	12.8	7.1	9.4	6.5	5.8	nav	nav	nav	nav	nav
Germany <sup>1</sup>	6.1	2.7	-13.0	8.0	5.8	6.1	2.2	-15.8	9.4	6.1
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	0.4
India	nav	42.4	40.3	30.7	37.2	nav	nav	41.2	33.0	42.1
Italy	8.2	3.4	7.5	5.0	5.4	9.1	5.2	7.1	5.8	3.3
Japan	-8.4	62.6	10.1	4.0	nav	7.4	-7.1	5.5	8.0	5.8
Korea	25.5	22.7	16.1	23.3	22.5	152.8	66.5	54.7	45.1	41.2
Mexico	nav	32.9	23.8	12.6	4.8	nav	31.4	28.8	16.8	14.2
Netherlands	9.5	9.2	9.4	10.6	10.3	7.9	9.0	9.6	10.8	11.1
Russia	nav	56.1	56.9	46.7	30.9	nav	55.5	55.3	46.2	31.1
Saudi Arabia	29.1	18.4	6.5	31.3	7.5	29.1	18.4	6.5	31.3	7.5
Singapore	14.2	11.3	9.7	7.7	12.4	14.2	11.3	9.7	7.7	12.4
South Africa	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Sweden	12.9	12.7	12.3	22.1	3.9	14.2	12.1	15.5	21.5	-4.2
Switzerland	5.3	5.6	8.2	10.3	7.7	5.5	5.7	5.8	11.1	8.3
Turkey	nav	3.9	9.0	18.6	11.5	nav	48.3	47.7	44.6	44.1
United Kingdom	6.5	7.1	7.0	5.5	7.8	10.9	10.6	9.3	7.1	10.5
United States	10.7	12.7	11.3	7.9	4.7	12.8	17.3	16.2	13.1	12.6
<b>CPSS<sup>2</sup></b>	<b>10.2</b>	<b>14.0</b>	<b>11.4</b>	<b>10.4</b>	<b>8.0</b>	<b>12.4</b>	<b>14.6</b>	<b>13.8</b>	<b>13.9</b>	<b>12.7</b>

Table 7b (cont)

	by cards with a delayed debit function					by cards with a credit function				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
Australia	nav	nav	nav	nav	nav	5.5	7.0	6.2	5.6	4.4
Belgium	6.8	10.1	11.8	8.8	5.9	nav	nav	nav	nav	nav
Brazil	nav	nav	nav	nav	nav	20.1	21.0	19.3	16.8	10.0
Canada	nav	nav	nav	nav	nav	10.6	11.1	9.1	9.2	3.7
China	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
France	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Germany <sup>1</sup>	6.1	4.9	-15.5	2.7	1.6	nav	nav	nav	-1.2	21.3
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	5.2
India	nav	nav	nav	nav	1,200.0	nav	nav	33.5	12.8	-10.5
Italy	nav	nav	nav	nav	nav	6.9	0.5	8.2	3.7	8.9
Japan	nav	nav	nav	nav	nav	-8.5	62.9	10.2	4.0	nav
Korea	nav	nav	nav	nav	nav	20.6	19.1	11.7	20.0	18.9
Mexico	nav	nav	nav	nav	nav	nav	34.4	19.3	8.4	-5.1
Netherlands	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Russia	nav	nav	nav	nav	nav	nav	70.3	91.7	55.8	27.9
Saudi Arabia	nav	nav	nav	nav	nav	31.5	50.8	26.4	0.7	5.8
Singapore	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
South Africa	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Sweden	0.0	6.8	7.9	35.3	-35.9	11.0	20.7	-9.0	20.5	104.8
Switzerland	nav	nav	nav	nav	nav	4.7	5.4	14.6	8.3	6.2
Turkey	nav	nav	nav	nav	nav	nav	2.7	7.5	17.2	9.4
United Kingdom	11.3	-32.1	-1.1	0.6	-7.3	-3.1	-1.3	1.0	-0.8	1.6
United States	nav	nav	nav	nav	nav	8.5	7.8	5.6	1.2	-6.5
<b>CPSS<sup>2</sup></b>	<b>7.4</b>	<b>-6.8</b>	<b>-6.8</b>	<b>6.2</b>	<b>-3.8</b>	<b>7.4</b>	<b>13.2</b>	<b>7.6</b>	<b>5.1</b>	<b>0.0</b>

Please refer to the individual country tables and the footnotes to Comparative Table 7 for a detailed explanation.

<sup>1</sup> Different methodology and data collection method since reporting year 2007. <sup>2</sup> Sum or average excluding those countries for which data are not available.

**Table 7c****Use of payment instruments by non-banks: number of transactions per inhabitant***(total for the year)*

	Credit transfers					Direct debits				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
Australia	52.8	54.9	58.1	61.1	62.9	23.9	24.8	26.5	28.1	29.3
Belgium	78.0	79.7	84.1	86.4	87.9	20.9	21.9	22.5	23.0	24.0
Brazil	26.2	28.6	31.7	35.1	37.4	nav	nav	nav	nav	22.3
Canada	26.6	28.9	31.5	32.6	33.8	19.4	20.4	21.4	22.2	22.4
China	nav	0.5	0.5	0.6	0.6	nav	nav	nav	nav	nav
France	38.4	41.4	41.1	42.1	43.3	40.1	43.3	45.8	47.1	50.6
Germany <sup>1</sup>	81.4	88.2	67.8	69.0	71.0	80.8	89.4	94.2	97.4	102.9
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	0.0	0.1	0.1	0.1	0.2	0.0	0.1	0.1	0.1	0.1
Italy	18.0	18.2	18.6	17.9	20.2	8.0	8.2	8.6	9.3	9.6
Japan	10.6	10.7	10.9	11.0	11.1	nav	nav	nav	nav	nav
Korea	34.2	37.2	42.2	47.6	49.8	23.9	27.1	29.5	28.3	27.5
Mexico	3.4	5.3	5.9	6.6	6.9	0.3	0.3	0.4	0.4	0.4
Netherlands	77.4	83.6	86.3	89.8	90.3	64.9	69.7	71.7	74.3	76.7
Russia	6.0	9.5	12.9	14.7	14.3	0.1	0.3	0.6	0.7	1.0
Saudi Arabia	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.1	0.1
Singapore	5.0	5.5	5.8	6.2	6.4	12.0	12.2	11.8	10.6	10.5
South Africa	nav	nav	nav	nav	8.8	nav	nav	nav	nav	10.7
Sweden	72.4	81.9	88.5	96.2	97.2	17.7	21.7	22.7	24.7	25.8
Switzerland	79.3	81.8	85.1	87.9	90.1	7.0	6.6	5.7	5.7	5.7
Turkey	nav	nav	nav	nav	nav	nap	nap	nap	nap	nap
United Kingdom	49.5	50.5	51.2	51.9	53.0	45.2	47.2	48.6	50.1	51.0
United States	18.4	19.9	21.2	22.4	23.1	24.2	29.0	33.9	36.1	35.9
<b>CPSS<sup>2</sup></b>	<b>13.3</b>	<b>9.5</b>	<b>9.6</b>	<b>10.2</b>	<b>10.5</b>	<b>11.0</b>	<b>12.3</b>	<b>13.4</b>	<b>13.9</b>	<b>14.7</b>

**Table 7c (cont)**

	Cheques					E-money payment transactions				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
Australia	23.7	21.7	19.8	17.2	15.1	nav	nav	nav	nav	nav
Belgium	1.5	1.3	1.0	0.8	0.7	9.7	9.1	8.4	7.5	6.5
Brazil	13.8	11.9	10.7	10.4	9.4	0.1	0.0	0.0	0.0	0.0
Canada	42.0	40.7	39.0	36.5	33.6	nav	nav	nav	nav	nav
China	nav	0.9	0.7	0.7	0.7	nav	nav	nav	nav	nav
France	62.4	60.6	57.4	54.4	51.2	0.3	0.3	0.4	0.5	0.6
Germany <sup>1</sup>	1.3	1.3	0.9	0.8	0.7	0.5	0.5	0.6	0.6	0.5
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	1.2	1.2	1.3	1.2	1.2	nav	nav	nav	nav	nav
Italy	8.0	7.8	7.2	6.5	5.6	0.4	0.6	0.8	1.2	1.5
Japan	1.1	1.1	1.0	0.9	0.8	nav	nav	6.3	8.7	11.8
Korea	17.0	23.9	24.5	22.7	19.1	3.3	3.5	2.8	2.4	2.3
Mexico	5.5	5.3	5.1	4.7	4.3	nav	nav	nav	nav	nav
Netherlands	nav	nav	nav	nav	nav	9.0	10.1	10.7	10.7	10.7
Russia	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3
Saudi Arabia	0.3	0.3	0.3	0.3	0.3	nav	nav	nav	nav	nav
Singapore	20.1	19.1	18.7	17.2	15.9	380.1	384.2	362.3	386.3	410.5
South Africa	nav	nav	nav	nav	2.1	nav	nav	nav	nav	nav
Sweden	0.1	0.1	0.1	0.1	0.1	nav	nav	nav	nav	nav
Switzerland	0.2	0.2	0.2	0.1	0.1	2.6	2.5	2.3	2.2	2.0
Turkey	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
United Kingdom	32.1	29.3	26.2	22.9	20.7	nav	nav	nav	nav	nav
United States	110.1	101.8	93.5	87.6	82.5	nav	nav	nav	nav	nav
<b>CPSS<sup>2</sup></b>	<b>19.3</b>	<b>12.0</b>	<b>11.1</b>	<b>10.4</b>	<b>9.6</b>	<b>3.5</b>	<b>3.6</b>	<b>4.0</b>	<b>4.7</b>	<b>5.5</b>

Please refer to the individual country tables for a detailed explanation.

<sup>1</sup> Different methodology and data collection method since reporting year 2007. <sup>2</sup> Sum or average excluding those countries for which data are not available. For credit transfers, data for France (prior to 2005) and the United Kingdom include interbank transactions; however, the total number is relatively small.

Table 7c (cont)

	Card payments (except e-money)					of which: by cards with a debit function				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
Australia	116.9	125.4	134.8	146.5	157.4	59.1	64.5	71.2	80.7	90.2
Belgium	70.5	75.6	80.8	86.8	92.0	63.0	67.4	71.6	77.0	81.7
Brazil	14.5	17.6	20.7	24.6	26.8	6.2	7.7	9.1	11.1	12.1
Canada	155.8	167.7	176.7	188.8	194.6	95.3	101.2	105.0	111.4	115.3
China	nav	0.8	1.3	2.0	2.6	nav	nav	nav	nav	nav
France	83.6	88.9	96.6	102.0	107.3	nav	nav	nav	nav	nav
Germany <sup>1</sup>	28.8	29.6	25.8	27.9	29.6	24.0	24.6	20.7	22.7	24.2
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	14.4	14.3
India	0.9	1.3	1.8	2.4	3.2	nav	1.2	1.6	2.1	3.0
Italy	20.6	21.2	22.6	23.5	24.6	12.6	13.2	14.0	14.7	15.1
Japan	21.9	35.7	39.3	40.9	nav	0.1	0.1	0.1	0.1	0.1
Korea	56.1	68.6	79.4	97.6	119.3	4.1	6.9	10.6	15.3	21.5
Mexico	4.2	5.6	6.9	7.6	7.9	2.0	2.6	3.4	3.9	4.4
Netherlands	87.0	94.8	103.3	113.7	124.7	82.4	89.7	97.9	108.0	119.3
Russia	1.0	1.6	2.5	3.6	4.8	1.0	1.5	2.4	3.4	4.5
Saudi Arabia	25.9	30.0	31.2	40.0	42.0	25.9	30.0	31.2	40.0	42.0
Singapore	32.5	35.1	36.9	37.7	41.1	32.5	35.1	36.9	37.7	41.1
South Africa	nav	nav	nav	nav	17.8	nav	nav	nav	nav	nav
Sweden	117.1	131.2	146.2	176.5	181.7	98.2	109.5	125.5	150.7	143.1
Switzerland	51.2	53.7	57.6	62.7	66.8	36.9	38.7	40.6	44.5	47.7
Turkey	nap	nap	20.5	24.0	26.3	nap	nap	1.0	1.5	2.1
United Kingdom	104.3	111.0	118.1	123.7	132.5	69.8	76.8	83.4	88.7	97.4
United States	144.6	161.4	178.3	191.1	198.1	74.8	86.8	100.1	112.5	125.4
<b>CPSS<sup>2</sup></b>	<b>33.0</b>	<b>24.4</b>	<b>26.5</b>	<b>29.0</b>	<b>30.4</b>	<b>30.8</b>	<b>19.0</b>	<b>20.8</b>	<b>23.4</b>	<b>26.1</b>

Table 7c (cont)

	by cards with a delayed debit function					by cards with a credit function				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
Australia	nav	nav	nav	nav	nav	57.8	60.9	63.6	65.8	67.3
Belgium	7.5	8.3	9.1	9.8	10.4	nav	nav	nav	nav	nav
Brazil	nav	nav	nav	nav	nav	8.3	9.9	11.7	13.5	14.7
Canada	nap	nap	nap	nap	nap	60.5	66.5	71.8	77.5	79.3
China	nap	nap	nap	nap	nap	nav	nav	nav	nav	nav
France	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Germany <sup>1</sup>	4.7	5.0	4.2	4.3	4.4	nav	nav	0.8	0.8	1.0
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	46.0	48.1
India	nap	nap	nap	0.0	0.0	nav	0.2	0.2	0.2	0.2
Italy	nap	nap	nap	0.0	0.0	8.0	8.0	8.6	8.8	9.5
Japan	nav	nav	nav	nav	nav	21.9	35.6	39.2	40.8	nav
Korea	nap	nap	nap	nap	nap	51.8	61.5	68.5	81.9	97.1
Mexico	nap	nap	nap	nap	nap	2.2	2.9	3.5	3.7	3.5
Netherlands	nap	nap	nap	nap	nap	nap	nap	nap	nap	nap
Russia	nav	nav	nav	nav	nav	0.0	0.1	0.1	0.2	0.3
Saudi Arabia	nap	nap	nap	nap	nap	0.7	1.0	1.2	1.2	1.2
Singapore	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
South Africa	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Sweden	6.5	6.9	7.4	9.9	6.3	12.3	14.8	13.3	15.9	32.2
Switzerland	nav	nav	nav	nav	nav	14.3	15.0	17.0	18.2	19.1
Turkey	nav	nav	nav	nav	nav	nap	nap	19.4	22.5	24.2
United Kingdom	4.4	3.0	2.9	2.9	2.7	30.1	29.5	29.6	29.2	29.4
United States	0.0	0.0	0.0	0.0	0.0	69.9	74.6	78.2	78.6	72.8
<b>CPSS<sup>2</sup></b>	<b>1.7</b>	<b>1.6</b>	<b>1.5</b>	<b>0.4</b>	<b>0.4</b>	<b>30.1</b>	<b>17.0</b>	<b>17.0</b>	<b>17.8</b>	<b>16.3</b>

Please refer to the individual country tables and the footnotes to Comparative Table 7 for a detailed explanation.

<sup>1</sup> Different methodology and data collection method since reporting year 2007. <sup>2</sup> Sum or average excluding those countries for which data are not available.

**Table 8**  
**Payment transactions by non-banks: total value of transactions**  
*(total for the year)*

	Total value of transactions (USD billions) <sup>1</sup>					Increase in the real value of transactions (in %) <sup>2</sup>				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
Australia	7,848	8,737	11,309	11,928	10,766	7.3	8.2	12.9	0.6	-5.6
Belgium	4,502	4,526	5,830	6,754	6,515	7.2	-2.7	16.0	3.7	1.5
Brazil	4,679	6,339	8,562	11,456	13,309	6.7	17.5	15.7	19.2	20.8
Canada	8,271	9,728	11,151	11,335	9,457	7.0	7.9	6.4	-1.5	-10.9
China	nav	50,775	64,474	73,381	80,125	nav	nav	14.1	-0.2	9.7
France	21,463	27,200	30,604	34,198	33,594	-84.7	23.1	1.5	1.3	3.2
Germany <sup>3</sup>	43,705	45,349	98,726	107,218	93,192	5.8	0.9	95.1	-1.1	-8.8
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	5,209	8,204	15,298	17,211	23,372	50.1	54.5	62.1	9.2	36.6
Italy	9,816	10,703	13,120	14,364	12,925	2.6	5.6	10.1	-1.1	-6.1
Japan	26,395	26,070	28,111	31,388	nav	1.8	1.8	5.2	-3.1	nav
Korea	8,720	12,837	15,487	15,140	14,192	5.5	34.4	14.5	10.8	5.6
Mexico	4,942	7,641	7,646	9,786	14,766	nav	49.3	-3.5	24.1	73.8
Netherlands	6,882	7,621	8,577	9,058	8,054	18.1	7.9	1.6	-3.4	-7.4
Russia	9,442	12,626	18,631	21,023	12,018	nav	17.9	24.1	-3.4	-32.9
Saudi Arabia	2,913	3,902	9,242	9,888	16,640	24.2	31.0	127.4	-2.7	60.2
Singapore	366	441	600	631	586	7.1	13.7	26.3	-7.4	-5.0
South Africa	nav	nav	nav	nav	2,016	nav	nav	nav	nav	nav
Sweden	1,186	1,335	1,645	1,842	1,619	9.0	9.5	11.0	5.6	0.0
Switzerland	2,880	3,091	3,414	3,992	3,792	1.7	6.8	5.0	3.0	-4.4
Turkey	58	70	100	131	122	nav	16.8	19.9	18.0	4.4
United Kingdom	151,386	172,814	214,907	155,432	109,899	2.9	10.2	11.7	-23.9	-18.7
United States	72,552	75,541	78,135	79,629	79,264	nav	nav	nav	nav	nav
<b>CPSS<sup>4</sup></b>	<b>385,367</b>	<b>486,811</b>	<b>634,259</b>	<b>613,858</b>	<b>535,456</b>	<b>-22.1</b>	<b>10.3</b>	<b>26.6</b>	<b>-7.0</b>	<b>-9.4</b>

**Table 8 (cont)**

	Average value per transaction (USD) <sup>1</sup>					Average value per inhabitant (USD thousands) <sup>1</sup>				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
Australia	1,707	1,787	2,148	2,096	1,767	384	421	535	553	489
Belgium	2,379	2,287	2,777	3,068	2,845	430	429	547	628	601
Brazil	468	588	723	863	725	26	34	46	60	70
Canada	1,053	1,160	1,262	1,216	987	257	299	339	341	281
China	nav	17,625	18,929	17,194	15,453	nav	39	49	55	60
France	1,509	1,821	1,980	2,152	2,046	342	430	481	533	521
Germany <sup>3</sup>	2,750	2,635	6,337	6,674	5,559	530	551	1,200	1,306	1,138
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	3,797	2,721	4,046	3,883	4,259	5	7	13	15	20
Italy	2,791	2,968	3,489	3,764	3,266	169	183	223	242	216
Japan	6,132	4,306	3,824	3,998	nav	207	204	220	246	nav
Korea	1,346	1,658	1,792	1,569	1,336	181	266	320	311	291
Mexico	3,564	4,443	3,985	4,751	7,059	48	73	73	92	138
Netherlands	1,770	1,806	1,922	1,905	1,606	422	466	523	549	486
Russia	7,600	6,075	6,079	5,807	3,202	66	89	131	148	85
Saudi Arabia	4,682	5,259	11,394	9,045	14,193	126	165	381	399	656
Singapore	191	220	300	284	243	86	100	131	130	118
South Africa	nav	nav	nav	nav	1,029	nav	nav	nav	nav	41
Sweden	617	609	698	669	569	131	147	180	199	173
Switzerland	2,738	2,825	2,971	3,264	2,952	384	409	448	518	486
Turkey	46	53	69	76	64	nap	nap	1	2	2
United Kingdom	10,875	11,984	14,439	10,186	6,916	2,513	2,852	3,524	2,532	1,779
United States	821	807	791	776	760	244	252	259	262	258
<b>CPSS<sup>4</sup></b>	<b>2,075</b>	<b>2,377</b>	<b>2,925</b>	<b>2,672</b>	<b>2,255</b>	<b>161</b>	<b>130</b>	<b>166</b>	<b>159</b>	<b>140</b>

Table 8 (cont)

	Value as a ratio to GDP					Value as a ratio to deposits held by non-banks <sup>5</sup>				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
Australia	10.7	11.1	11.8	11.3	10.8	12.9	11.4	10.5	12.4	8.1
Belgium	12.0	11.3	12.7	13.4	13.8	34.8	29.8	30.9	38.0	32.9
Brazil	5.3	5.8	6.3	7.0	8.4	123.6	125.4	99.1	198.3	155.3
Canada	7.3	7.6	7.8	7.6	7.1	23.0	23.9	21.6	21.9	14.1
China	nav	18.7	18.5	16.0	16.3	nav	nav	nav	nav	nav
France	10.0	12.0	11.8	12.0	12.7	39.8	42.5	40.6	48.5	42.4
Germany <sup>3</sup>	15.7	15.5	29.7	29.5	28.0	47.5	41.5	78.3	83.1	58.4
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	6.2	8.7	12.8	13.4	18.2	10.0	12.6	17.0	19.3	25.9
Italy	5.5	5.7	6.2	6.3	6.1	13.4	12.2	13.3	14.2	10.9
Japan	5.8	6.0	6.4	6.4	nav	8.2	8.1	7.4	8.2	nav
Korea	10.3	13.5	14.8	16.3	17.0	123.8	151.5	187.1	248.8	192.1
Mexico	5.8	8.0	7.5	9.0	16.9	nav	nav	nav	nav	68.9
Netherlands	10.8	11.2	11.0	10.4	10.1	30.2	25.0	24.4	25.9	nav
Russia	12.4	12.8	14.3	12.6	9.8	40.2	33.2	31.4	35.0	20.7
Saudi Arabia	9.2	11.0	24.0	20.8	44.3	22.3	24.7	48.3	43.8	66.3
Singapore	3.1	3.2	3.7	3.5	3.2	2.6	2.3	2.6	2.4	1.9
South Africa	nav	nav	nav	nav	7.1	nav	nav	nav	nav	6.5
Sweden	3.2	3.3	3.6	3.8	4.0	6.1	5.3	5.5	7.1	5.2
Switzerland	7.7	7.9	7.9	7.9	7.7	22.2	23.3	23.7	18.0	12.5
Turkey	0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1
United Kingdom	66.4	70.7	76.4	58.6	50.4	23.4	20.9	23.3	18.5	27.0
United States	5.7	5.6	5.6	5.5	5.6	80.4	88.3	91.3	80.1	74.8
<b>CPSS<sup>4</sup></b>	<b>11.0</b>	<b>12.2</b>	<b>14.3</b>	<b>12.7</b>	<b>13.0</b>	<b>23.8</b>	<b>22.5</b>	<b>25.4</b>	<b>24.9</b>	<b>29.9</b>

Please refer to the individual country tables for a detailed explanation.

<sup>1</sup> Converted at yearly average exchange rates, except as noted. <sup>2</sup> Total value of transactions in domestic currency deflated by yearly average CPI inflation. For the CPSS area, in US dollar terms. <sup>3</sup> Different methodology and data collection method since reporting year 2007. <sup>4</sup> Sum or average excluding those countries for which data are not available. Data for France (prior to 2005) and the United Kingdom include interbank transactions in credit transfers. Since the value of these transactions is relatively large, cross-country comparison and the CPSS figures should be treated with caution. <sup>5</sup> For Italy, as a ratio to deposits held only at banks.



**Table 9****Use of payment instruments by non-banks: value of transactions per payment instrument***(USD billions, total for the year)<sup>1</sup>*

	Credit transfers					Direct debits				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
Australia	3,652	4,146	5,428	5,855	5,245	2,680	3,024	3,969	4,281	3,903
Belgium	4,297	4,322	5,593	6,506	6,288	63	68	80	93	88
Brazil	3,698	5,283	7,297	9,884	9,310	nav	nav	nav	nav	2,549
Canada	4,586	5,573	6,537	6,731	5,570	353	416	499	558	529
China	nav	21,947	31,977	36,069	39,572	nav	nav	nav	nav	nav
France	16,721	22,226	25,152	28,451	28,532	1,126	1,230	1,397	1,542	1,487
Germany <sup>2</sup>	38,679	39,790	82,779	89,466	76,714	4,187	4,598	15,167	16,966	15,820
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	2,638	5,466	11,919	14,162	21,012	3	6	12	15	14
Italy	7,024	7,720	9,763	10,883	10,048	359	375	455	505	492
Japan <sup>3</sup>	21,431	21,680	23,704	26,639	26,212	nav	nav	nav	nav	nav
Korea	4,850	6,313	7,757	7,533	7,374	92	117	142	127	107
Mexico	3,926	6,553	6,511	8,689	13,893	5	9	11	13	10
Netherlands	6,509	7,207	8,096	8,490	7,545	287	319	370	440	386
Russia	9,055	12,202	18,154	20,331	11,755	38	97	259	266	70
Saudi Arabia	371	434	499	750	772	0.0	0.0	0.1	0.1	0.1
Singapore	57	68	88	108	109	24	28	35	42	41
South Africa	nav	nav	nav	nav	1,600	nav	nav	nav	nav	91
Sweden	1,063	1,202	1,483	1,685	1,459	46	52	63	69	61
Switzerland	2,760	2,969	3,298	3,856	3,658	65	63	51	59	57
Turkey	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
United Kingdom	146,309	167,525	209,080	150,213	105,863	1,448	1,554	1,768	1,716	1,383
United States	15,617	17,687	19,603	20,737	20,541	12,544	13,285	14,298	14,482	14,217
<b>CPSS<sup>4</sup></b>	<b>nav</b>	<b>nav</b>	<b>nav</b>	<b>nav</b>	<b>nav</b>	<b>20,641</b>	<b>22,217</b>	<b>34,608</b>	<b>36,894</b>	<b>37,404</b>

**Table 9 (cont)**

	Cheques					E-money payment transactions				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
Australia	1,266	1,283	1,551	1,379	1,198	nav	nav	nav	nav	nav
Belgium	85	75	86	74	60	0.605	0.557	0.541	0.516	0.437
Brazil	909	956	1,125	1,390	1,255	0.192	0.118	0.164	0.291	0.501
Canada	3,045	3,402	3,723	3,613	2,955	nav	nav	nav	nav	nav
China	nav	28,587	32,091	36,735	39,549	nav	nav	nav	nav	nav
France	2,702	2,769	2,975	3,028	2,552	0.053	0.050	0.073	0.099	0.112
Germany <sup>2</sup>	642	756	582	561	439	0.111	0.130	0.219	0.224	0.202
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	2,568	2,656	3,244	2,872	2,151	nav	nav	nav	nav	nav
Italy	1,442	1,504	1,597	1,599	1,264	1.589	2.827	4.624	6.702	7.229
Japan <sup>3</sup>	4,802	4,109	3,933	4,186	3,993	nav	nav	4.935	8.135	13.514
Korea	3,492	6,074	7,195	7,095	6,362	0.117	0.119	0.114	0.085	0.072
Mexico	983	1,044	1,081	1,037	819	nav	nav	nav	nav	nav
Netherlands	nav	nav	nav	nav	nav	0.494	0.552	0.651	0.704	0.663
Russia	1	3	2	0	0	0.050	0.057	0.063	0.396	1.076
Saudi Arabia	135	134	159	190	175	nav	nav	nav	nav	nav
Singapore	269	323	449	446	402	0.852	0.959	1.143	1.349	1.325
South Africa	nav	nav	nav	nav	281	nav	nav	nav	nav	nav
Sweden	7	7	9	10	5	nav	nav	nav	nav	nav
Switzerland	3	3	2	2	2	0.056	0.056	0.067	0.065	0.064
Turkey	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
United Kingdom	3,056	3,103	3,300	2,755	1,996	nav	nav	nav	nav	nav
United States	41,746	41,600	40,946	40,919	41,120	nav	nav	nav	nav	nav
<b>CPSS<sup>4</sup></b>	<b>65,889</b>	<b>97,105</b>	<b>102,500</b>	<b>106,511</b>	<b>105,380</b>	<b>4.119</b>	<b>5.425</b>	<b>12.591</b>	<b>18.567</b>	<b>25.195</b>

Please refer to the individual country tables for a detailed explanation.

<sup>1</sup> Converted at yearly average exchange rates, except as noted. <sup>2</sup> Different methodology and data collection method since reporting year 2007.<sup>3</sup> For credit transfers and e-money payment transactions, total transactions during the fiscal year ending March of the following year, converted at average fiscal year exchange rates. <sup>4</sup> Sum or average excluding those countries for which data are not available. For credit transfers, data for France (prior to 2005) and the United Kingdom include interbank transactions. Since the value of these transactions is relatively large, cross-country comparison should be treated with caution; consequently, CPSS figures related to credit transfers have not been calculated.

Table 9 (cont)

	Card payments (except e-money)					of which: by cards with a debit function				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
Australia	173.3	191.3	237.6	268.7	269.7	54.8	61.5	77.8	92.5	98.5
Belgium	51.5	56.4	66.7	77.0	76.1	41.0	44.8	52.7	60.8	60.8
Brazil	71.7	100.6	140.0	181.5	193.7	21.7	30.7	42.7	57.3	61.1
Canada	286.3	336.8	392.2	432.8	403.0	113.4	131.1	145.9	158.1	150.1
China	nav	241.6	406.3	576.9	1,004.9	nav	nav	nav	nav	nav
France	323.2	354.8	425.0	485.5	472.3	nav	nav	nav	nav	nav
Germany <sup>1</sup>	196.8	204.7	198.0	224.9	218.1	150.5	155.4	142.2	162.0	159.0
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	nav	76.1	123.2	161.4	195.0	nav	66.3	108.3	145.5	180.6
Italy	136.8	150.1	176.4	170.8	164.6	78.9	89.5	104.8	91.5	87.1
Japan	299.2	305.7	335.8	417.7	nav	7.3	6.8	6.5	7.5	7.9
Korea	257.5	305.5	363.0	358.4	330.7	7.8	13.0	20.4	24.4	28.6
Mexico	28.7	34.7	42.0	47.7	43.1	9.6	13.1	16.3	18.8	17.9
Netherlands	85.0	93.7	110.2	127.5	121.9	75.2	82.1	96.8	111.6	108.4
Russia	11.5	14.7	25.6	46.9	39.7	10.5	13.0	23.4	43.4	36.5
Saudi Arabia	73.1	82.7	92.8	114.8	124.7	73.1	82.7	92.8	114.8	124.7
Singapore	16.6	20.9	26.7	32.6	33.3	7.0	9.2	11.7	14.5	15.4
South Africa	nav	nav	nav	nav	43.4	nav	nav	nav	nav	nav
Sweden	69.4	73.7	90.7	105.2	93.0	55.2	58.5	70.6	81.7	71.9
Switzerland	52.8	55.9	63.3	74.3	75.2	35.9	37.7	41.6	49.2	50.8
Turkey	58.4	70.1	100.2	131.0	121.7	0.7	1.1	1.8	2.7	3.2
United Kingdom	572.6	631.9	758.6	748.0	657.8	325.1	377.7	464.1	465.1	432.1
United States	2,645.5	2,968.7	3,287.8	3,490.6	3,385.9	868.3	1,023.7	1,182.9	1,342.2	1,447.3
<b>CPSS<sup>2</sup></b>	<b>5,236.6</b>	<b>6,179.2</b>	<b>7,224.5</b>	<b>8,005.5</b>	<b>7,798.1</b>	<b>1,881.1</b>	<b>2,236.4</b>	<b>2,625.6</b>	<b>2,951.1</b>	<b>3,043.4</b>

Table 9 (cont)

	by cards with a delayed debit function					by cards with a credit function				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
Australia	nav	nav	nav	nav	nav	118.5	129.8	159.8	176.2	171.2
Belgium	10.4	11.6	14.0	16.2	15.4	nav	nav	nav	nav	nav
Brazil	nav	nav	nav	nav	nav	50.0	69.9	97.3	124.2	132.7
Canada <sup>3</sup>	nav	nav	nav	nav	nav	172.9	205.7	246.3	274.7	252.9
China	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
France <sup>4</sup>	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Germany <sup>1,5</sup>	46.3	49.3	41.9	47.3	43.0	nav	nav	13.9	15.7	16.0
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	38.9	39.0
India	nav	nav	nav	0.1	1.1	nav	9.7	14.9	15.8	13.3
Italy <sup>6</sup>	nav	nav	nav	nav	nav	57.9	60.6	71.6	79.3	77.5
Japan <sup>6</sup>	nav	nav	nav	nav	nav	292.0	298.9	329.3	410.2	nav
Korea	nav	nav	nav	nav	nav	249.4	291.9	341.8	333.3	301.3
Mexico	nav	nav	nav	nav	nav	19.1	21.5	25.7	28.9	25.2
Netherlands	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Russia	nav	nav	nav	nav	nav	1.0	1.7	2.2	3.5	3.1
Saudi Arabia	nav	nav	nav	nav	nav	nav	nav	nav	3.6	3.8
Singapore <sup>3</sup>	nav	nav	nav	nav	nav	9.7	11.7	15.0	18.1	17.9
South Africa	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Sweden	5.2	4.1	4.9	5.5	4.6	9.0	11.1	15.2	18.1	16.5
Switzerland <sup>6</sup>	nav	nav	nav	nav	nav	16.9	18.3	21.6	25.1	24.3
Turkey	nav	nav	nav	nav	nav	57.7	69.0	98.4	128.3	118.5
United Kingdom	48.0	55.6	67.5	73.4	57.5	199.5	198.6	226.9	209.4	168.2
United States	nav	nav	nav	nav	nav	1,777.2	1,944.9	2,104.9	2,148.5	1,938.6
<b>CPSS<sup>2</sup></b>	<b>110.0</b>	<b>120.6</b>	<b>128.3</b>	<b>142.4</b>	<b>121.6</b>	<b>2,912.2</b>	<b>3,213.7</b>	<b>3,625.0</b>	<b>3,875.5</b>	<b>3,148.8</b>

Please refer to the individual country tables for a detailed explanation.

<sup>1</sup> Different methodology and data collection method since reporting year 2007. <sup>2</sup> Sum or average excluding those countries for which data are not available. <sup>3</sup> For cards with a credit function, includes charge cards. <sup>4</sup> A breakdown by types of function is not available. <sup>5</sup> For cards with a delayed debit function, includes cards with a credit function. <sup>6</sup> For cards with a credit function, includes cards with a delayed debit function.

**Table 9a****Use of payment instruments by non-banks: relative importance of payment instruments, in value of transactions***(% of total value of transactions)*

	Credit transfers					Direct debits				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
Australia	47.0	48.0	48.5	49.7	49.4	34.5	35.0	35.5	36.3	36.8
Belgium	95.5	95.6	96.0	96.4	96.6	1.4	1.5	1.4	1.4	1.3
Brazil	79.0	83.3	85.2	86.3	70.0	nav	nav	nav	nav	19.2
Canada	55.4	57.3	58.6	59.4	58.9	4.3	4.3	4.5	4.9	5.6
China	nav	43.2	49.6	49.2	49.4	nav	nav	nav	nav	nav
France	80.1	83.6	84.0	84.9	86.3	5.4	4.6	4.7	4.6	4.5
Germany <sup>1</sup>	88.5	87.7	83.8	83.4	82.3	9.6	10.1	15.4	15.8	17.0
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	50.6	66.6	77.9	82.3	89.9	0.1	0.1	0.1	0.1	0.1
Italy	78.4	79.2	81.4	82.7	83.9	4.0	3.8	3.8	3.8	4.1
Japan	80.8	83.1	84.7	85.2	nav	nav	nav	nav	nav	nav
Korea	55.8	49.3	50.2	49.8	52.0	1.1	0.9	0.9	0.8	0.8
Mexico	79.4	85.8	85.2	88.8	94.1	0.1	0.1	0.1	0.1	0.1
Netherlands	94.6	94.6	94.4	93.7	93.7	4.2	4.2	4.3	4.9	4.8
Russia	99.4	99.1	98.4	98.5	99.1	0.4	0.8	1.4	1.3	0.6
Saudi Arabia	64.1	66.7	66.5	71.1	72.0	0.0	0.0	0.0	0.0	0.0
Singapore	15.5	15.4	14.7	17.1	18.6	6.5	6.3	5.9	6.7	7.0
South Africa	nav	nav	nav	nav	79.4	nav	nav	nav	nav	4.5
Sweden	89.6	90.0	90.1	90.1	90.1	3.9	3.9	3.8	3.7	3.8
Switzerland	95.8	96.1	96.6	96.6	96.5	2.2	2.0	1.5	1.5	1.5
Turkey	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
United Kingdom	96.6	96.9	97.3	96.6	96.3	1.0	0.9	0.8	1.1	1.3
United States	21.5	23.4	25.1	26.0	25.9	17.3	17.6	18.3	18.2	17.9
<b>CPSS<sup>2</sup></b>	<b>nap</b>	<b>nap</b>	<b>nap</b>	<b>nap</b>	<b>nap</b>	<b>22.5</b>	<b>17.7</b>	<b>24.0</b>	<b>24.4</b>	<b>24.8</b>

**Table 9a (cont)**

	Cheques					E-money payment transactions				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
Australia	16.3	14.8	13.9	11.7	11.3	nav	nav	nav	nav	nav
Belgium	1.9	1.7	1.5	1.1	0.9	0.01	0.01	0.01	0.01	0.01
Brazil	19.4	15.1	13.1	12.1	9.4	0.00	0.00	0.00	0.00	0.00
Canada	36.8	35.0	33.4	31.9	31.2	nav	nav	nav	nav	nav
China	nav	56.3	49.8	50.1	49.4	nav	nav	nav	nav	nav
France	12.9	10.4	9.9	9.0	7.7	0.00	0.00	0.00	0.00	0.00
Germany <sup>1</sup>	1.5	1.7	0.6	0.5	0.5	0.00	0.00	0.00	0.00	0.00
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	49.3	32.4	21.2	16.7	9.2	nav	nav	nav	nav	nav
Italy	16.1	15.4	13.3	12.1	10.6	0.02	0.03	0.04	0.05	0.06
Japan	18.1	15.7	14.1	13.4	nav	nav	nav	0.02	0.03	nav
Korea	40.2	47.4	46.5	46.9	44.9	0.00	0.00	0.00	0.00	0.00
Mexico	19.9	13.7	14.1	10.6	5.5	nav	nav	nav	nav	nav
Netherlands	nav	nav	nav	nav	nav	0.01	0.01	0.01	0.01	0.01
Russia	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00	0.01
Saudi Arabia	23.3	20.6	21.2	18.0	16.3	nav	nav	nav	nav	nav
Singapore	73.3	73.3	74.8	70.8	68.6	0.23	0.22	0.19	0.21	0.23
South Africa	nav	nav	nav	nav	13.9	nav	nav	nav	nav	nav
Sweden	0.6	0.5	0.5	0.6	0.3	nav	nav	nav	nav	nav
Switzerland	0.1	0.1	0.1	0.1	0.0	0.00	0.00	0.00	0.00	0.00
Turkey	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
United Kingdom	2.0	1.8	1.5	1.8	1.8	nav	nav	nav	nav	nav
United States	57.5	55.1	52.4	51.4	51.9	nav	nav	nav	nav	nav
<b>CPSS<sup>2</sup></b>	<b>71.8</b>	<b>77.4</b>	<b>71.0</b>	<b>70.3</b>	<b>70.0</b>	<b>0.00</b>	<b>0.00</b>	<b>0.01</b>	<b>0.01</b>	<b>0.02</b>

Please refer to the individual country tables for a detailed explanation.

<sup>1</sup> Different methodology and data collection method since reporting year 2007. <sup>2</sup> Sum or average excluding those countries for which data are not available. For credit transfers, data for France (prior to 2005) and the United Kingdom include interbank transactions. Since the value of these transactions is relatively large, cross-country comparison should be treated with caution; consequently, CPSS figures for credit transfers have not been calculated. The CPSS figures calculated ignore credit transfer data throughout.

Table 9a (cont)

	Card payments (except e-money)					of which: by cards with a debit function				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
Australia	2.2	2.2	2.1	2.3	2.5	0.70	0.71	0.70	0.78	0.93
Belgium	1.1	1.2	1.1	1.1	1.2	0.91	0.99	0.90	0.90	0.93
Brazil	1.5	1.6	1.6	1.6	1.5	0.46	0.48	0.50	0.50	0.46
Canada	3.5	3.5	3.5	3.8	4.3	1.37	1.35	1.31	1.40	1.59
China	nav	0.5	0.6	0.8	1.3	nav	nav	nav	nav	nav
France	1.5	1.3	1.4	1.4	1.4	nav	nav	nav	nav	nav
Germany <sup>1</sup>	0.5	0.5	0.2	0.2	0.2	0.34	0.34	0.14	0.15	0.17
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	nav	0.9	0.8	0.9	0.8	nav	0.81	0.71	0.85	0.77
Italy	1.5	1.5	1.5	1.3	1.4	0.88	0.92	0.87	0.70	0.73
Japan	1.1	1.2	1.2	1.3	nav	0.03	0.03	0.02	0.02	nav
Korea	3.0	2.4	2.3	2.4	2.3	0.09	0.10	0.13	0.16	0.20
Mexico	0.6	0.5	0.5	0.5	0.3	0.19	0.17	0.21	0.19	0.12
Netherlands	1.2	1.2	1.3	1.4	1.5	1.09	1.08	1.13	1.23	1.35
Russia	0.1	0.1	0.1	0.2	0.3	0.12	0.11	0.13	0.21	0.31
Saudi Arabia	12.6	12.7	12.4	10.9	11.6	12.62	12.72	12.36	10.88	11.64
Singapore	4.5	4.7	4.4	5.2	5.7	1.90	2.08	1.94	2.30	2.62
South Africa	nav	nav	nav	nav	2.2	nav	nav	nav	nav	nav
Sweden	5.9	5.5	5.5	5.6	5.7	4.66	4.38	4.29	4.37	4.44
Switzerland	1.8	1.8	1.9	1.9	2.0	1.24	1.22	1.22	1.23	1.34
Turkey	nav	nav	nav	nav	nav	1.15	1.51	1.80	2.03	2.62
United Kingdom	0.4	0.4	0.4	0.5	0.6	0.21	0.22	0.22	0.30	0.39
United States	3.6	3.9	4.2	4.4	4.3	1.20	1.36	1.51	1.69	1.83
<b>CPSS<sup>2</sup></b>	<b>5.7</b>	<b>4.9</b>	<b>5.0</b>	<b>5.3</b>	<b>5.2</b>	<b>2.05</b>	<b>1.78</b>	<b>1.82</b>	<b>1.95</b>	<b>2.02</b>

Table 9a (cont)

	by cards with a delayed debit function					by cards with a credit function				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
Australia	nav	nav	nav	nav	nav	1.5	1.5	1.4	1.5	1.6
Belgium	0.2	0.3	0.2	0.2	0.2	nav	nav	nav	nav	nav
Brazil	nav	nav	nav	nav	nav	1.1	1.1	1.1	1.1	1.0
Canada	nav	nav	nav	nav	nav	2.1	2.1	2.2	2.4	2.7
China	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
France	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Germany <sup>1</sup>	0.1	0.1	0.0	0.0	0.0	nav	nav	0.0	0.0	0.0
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	nav	nav	nav	0.0	0.0	nav	0.1	0.1	0.1	0.1
Italy	nav	nav	nav	nav	nav	0.6	0.6	0.6	0.6	0.6
Japan	nav	nav	nav	nav	nav	1.1	1.1	1.2	1.3	nav
Korea	nav	nav	nav	nav	nav	2.9	2.3	2.2	2.2	2.1
Mexico	nav	nav	nav	nav	nav	0.4	0.3	0.3	0.3	0.2
Netherlands	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Russia	nav	nav	nav	nav	nav	0.0	0.0	0.0	0.0	0.0
Saudi Arabia	nav	nav	nav	nav	nav	nav	nav	nav	0.3	0.4
Singapore	nav	nav	nav	nav	nav	2.6	2.7	2.5	2.9	3.1
South Africa	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Sweden	0.4	0.3	0.3	0.3	0.3	0.8	0.8	0.9	1.0	1.0
Switzerland	nav	nav	nav	nav	nav	0.6	0.6	0.6	0.6	0.6
Turkey	nav	nav	nav	nav	nav	98.9	98.5	98.2	98.0	97.4
United Kingdom	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.2
United States	nav	nav	nav	nav	nav	2.4	2.6	2.7	2.7	2.4
<b>CPSS<sup>2</sup></b>	<b>0.1</b>	<b>0.1</b>	<b>0.1</b>	<b>0.1</b>	<b>0.1</b>	<b>3.2</b>	<b>2.6</b>	<b>2.5</b>	<b>2.6</b>	<b>2.1</b>

Please refer to the individual country tables and the footnotes to Comparative Table 9 for a detailed explanation.

<sup>1</sup> Different methodology and data collection method since reporting year 2007. <sup>2</sup> Sum or average excluding those countries for which data are not available. The CPSS figures calculated ignore credit transfer data throughout.

**Table 9b****Use of payment instruments by non-banks: increase in the real value of transactions**(% change on previous year, adjusted by CPI inflation)<sup>1</sup>

	Credit transfers					Direct debits				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
Australia	11.6	10.4	14.2	2.9	-6.4	10.2	9.7	14.5	2.9	-4.7
Belgium	7.9	-2.7	16.5	4.1	1.7	3.3	3.4	6.2	4.4	-0.9
Brazil	7.1	23.9	18.3	20.6	-2.0	nav	nav	nav	nav	nav
Canada	9.5	11.5	8.8	-0.2	-11.6	8.1	7.9	11.4	8.5	1.1
China	nav	nav	30.9	-1.1	10.2	nav	nav	nav	nav	nav
France	-87.7	29.1	2.1	2.6	5.4	13.7	6.1	2.4	0.1	1.3
Germany <sup>2</sup>	7.2	0.1	86.5	-1.6	-10.0	-3.1	6.8	195.6	1.8	-2.1
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	168.1	103.2	89.5	15.3	49.2	324.2	86.9	83.5	26.3	-6.0
Italy	4.1	6.5	13.6	0.7	-3.6	3.1	1.2	9.1	0.3	1.6
Japan	5.3	4.2	6.7	-2.5	-7.8	nav	nav	nav	nav	nav
Korea	14.4	18.8	16.6	10.1	10.2	9.8	15.3	15.5	1.1	-5.3
Mexico	nav	61.1	-4.2	29.4	84.2	nav	84.3	25.8	10.1	-6.6
Netherlands	19.0	7.8	1.4	-4.0	-7.4	3.8	8.3	4.7	8.7	-8.5
Russia	nav	18.8	25.1	-4.1	-32.1	nav	124.0	124.2	-12.1	-69.0
Saudi Arabia	34.2	14.3	10.6	36.7	-2.0	96.6	196.7	99.0	12.9	4.5
Singapore	10.4	13.5	20.0	8.4	2.9	7.9	10.4	18.1	5.4	-1.4
South Africa	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Sweden	9.4	9.9	11.1	7.2	-1.4	13.0	10.8	7.8	3.2	1.8
Switzerland	1.6	7.1	5.6	3.1	-4.5	1.0	-2.7	-23.2	2.8	-3.0
Turkey	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
United Kingdom	3.1	10.5	12.1	-24.4	-18.9	4.1	3.6	2.2	2.2	-7.3
United States	9.9	10.1	8.1	2.0	-0.9	5.0	2.9	5.0	-2.4	-1.8
<b>CPSS<sup>3</sup></b>	<b>nap</b>	<b>nap</b>	<b>nap</b>	<b>nap</b>	<b>nap</b>	<b>4.9</b>	<b>5.6</b>	<b>48.6</b>	<b>2.4</b>	<b>-7.0</b>

**Table 9b (cont)**

	Cheques					E-money payment transactions				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
Australia	-8.4	-1.5	5.5	-15.2	-9.1	nav	nav	nav	nav	nav
Belgium	-17.3	-15.0	3.6	-23.6	-14.1	-10.0	-10.9	-12.6	-14.5	-11.0
Brazil	4.4	-8.8	0.8	10.0	-6.1	nav	-46.6	18.5	58.5	78.7
Canada	3.1	2.5	1.5	-6.0	-12.6	nav	nav	nav	nav	nav
China	nav	nav	0.9	0.4	8.2	nav	nav	nav	nav	nav
France	2.4	-0.4	-3.1	-7.7	-11.4	-20.5	-9.0	31.3	24.2	18.6
Germany <sup>2</sup>	-9.5	14.6	-30.9	-12.4	-17.8	5.2	14.8	50.4	-6.9	-5.4
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	3.4	1.4	6.1	-14.1	-24.7	nav	nav	nav	nav	nav
Italy	-4.3	1.0	-4.6	-9.5	-17.4	116.6	72.4	46.9	31.0	12.6
Japan	-12.1	-9.9	-3.1	-7.8	-12.5	nav	nav	nav	43.0	55.7
Korea	-5.1	58.7	12.4	11.8	1.0	-6.8	-7.4	-9.1	-15.2	-4.9
Mexico	nav	2.6	-0.2	-7.0	-9.0	nav	nav	nav	nav	nav
Netherlands	nav	nav	nav	nav	nav	12.0	8.7	6.4	-1.0	-1.9
Russia	nav	202.5	-41.3	-88.5	-56.9	nav	-0.2	-7.4	438.4	219.3
Saudi Arabia	3.1	-2.7	14.0	8.8	-12.5	nav	nav	nav	nav	nav
Singapore	5.7	13.8	28.9	-12.4	-8.0	6.1	6.4	10.8	4.0	0.4
South Africa	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Sweden	-8.3	-2.9	8.2	12.2	-40.3	nav	nav	nav	nav	nav
Switzerland	-51.2	-18.8	-16.2	-11.0	-17.5	-1.2	-1.0	13.5	-14.6	0.5
Turkey	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
United Kingdom	-7.4	-2.0	-4.4	-12.1	-16.7	nav	nav	nav	nav	nav
United States	-2.4	-3.2	-4.0	-3.7	0.5	nav	nav	nav	nav	nav
<b>CPSS<sup>3</sup></b>	<b>-1.9</b>	<b>1.4</b>	<b>2.8</b>	<b>-0.6</b>	<b>-2.5</b>	<b>29.1</b>	<b>28.4</b>	<b>37.2</b>	<b>41.4</b>	<b>34.3</b>

Please refer to the individual country tables for a detailed explanation.

<sup>1</sup> Value of transactions in domestic currency deflated by yearly average CPI inflation. For the CPSS area, in US dollar terms. <sup>2</sup> Different methodology and data collection method since reporting year 2007. <sup>3</sup> Sum or average excluding those countries for which data are not available. For credit transfers, data for France (prior to 2005) and the United Kingdom include interbank transactions. Since the value of these transactions is relatively large, cross-country comparison should be treated with caution; consequently, CPSS figures for credit transfers have not been calculated.

Table 9b (cont)

	Card payments (except e-money)					of which by cards with a: debit function				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
Australia	6.4	7.4	8.3	7.9	4.9	10.2	9.2	10.3	13.3	11.3
Belgium	10.1	6.0	6.6	3.4	4.0	7.8	5.6	6.0	3.3	5.0
Brazil	18.9	21.8	19.1	15.5	11.0	18.2	22.7	18.9	19.6	10.8
Canada	11.0	7.9	8.0	6.9	-0.6	8.1	6.1	3.3	5.0	1.4
China	nav	nav	51.1	24.5	75.0	nav	nav	nav	nav	nav
France	16.3	6.7	8.1	3.6	2.2	nav	nav	nav	nav	nav
Germany <sup>1</sup>	3.6	1.2	-13.3	3.4	1.7	2.8	0.4	-17.9	3.7	3.0
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	nav	nav	40.8	27.2	21.5	nav	nav	41.9	30.4	24.8
Italy	7.7	6.3	5.6	-12.5	0.6	7.1	9.8	5.2	-21.1	-0.6
Japan	10.7	7.6	11.2	7.8	nav	13.4	-2.3	-2.3	-0.8	-2.9
Korea	12.1	8.3	12.7	11.9	3.9	185.6	53.2	48.5	35.5	32.2
Mexico	nav	16.7	16.9	10.1	4.0	nav	32.9	19.5	11.9	9.4
Netherlands	8.7	7.4	6.1	5.9	-0.4	5.1	6.3	6.4	5.5	1.1
Russia	nav	12.1	46.9	56.7	-0.8	nav	8.8	51.5	58.7	-1.3
Saudi Arabia	21.2	10.7	7.8	12.5	3.4	21.2	10.7	7.8	12.5	3.4
Singapore	18.3	18.8	18.6	7.7	4.3	25.1	24.4	18.0	9.4	8.6
South Africa	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Sweden	4.1	3.3	10.8	9.4	0.6	6.6	3.1	8.6	9.1	0.3
Switzerland	13.9	5.4	7.5	3.6	1.8	18.5	4.7	4.9	4.2	3.9
Turkey	nav	16.8	19.9	18.0	4.4	nav	53.8	42.5	33.6	34.4
United Kingdom	5.5	6.5	7.8	3.8	1.2	11.4	12.1	10.4	5.5	6.9
United States	10.0	9.0	8.0	2.4	-3.0	15.7	14.6	12.7	9.4	7.9
<b>CPSS<sup>2</sup></b>	<b>10.8</b>	<b>9.1</b>	<b>13.9</b>	<b>6.3</b>	<b>1.1</b>	<b>13.0</b>	<b>12.4</b>	<b>14.4</b>	<b>8.0</b>	<b>2.2</b>

Table 9b (cont)

	by cards with a delayed debit function					by cards with a credit function				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
Australia	nav	nav	nav	nav	nav	4.7	6.5	7.4	5.2	1.5
Belgium	20.5	7.5	8.8	3.5	-0.1	nav	nav	nav	nav	nav
Brazil	nav	nav	nav	nav	nav	19.3	21.4	19.2	13.7	11.1
Canada	nav	nav	nav	nav	nav	13.0	9.2	11.1	8.1	-1.7
China	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
France	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Germany <sup>1</sup>	6.3	3.6	-23.8	2.6	-4.5	nav	nav	nav	3.0	7.3
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	-0.9
India	nav	nav	nav	nav	916.0	nav	nav	32.9	3.0	-15.3
Italy	nav	nav	nav	nav	nav	8.5	1.4	6.2	0.0	2.0
Japan	nav	nav	nav	nav	nav	10.6	7.8	11.5	7.9	nav
Korea	nav	nav	nav	nav	nav	10.0	6.8	11.1	10.5	1.8
Mexico	nav	nav	nav	nav	nav	nav	8.6	15.3	8.9	0.4
Netherlands	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Russia	nav	nav	nav	nav	nav	nav	46.7	10.5	35.9	5.4
Saudi Arabia	nav	nav	nav	nav	nav	nav	nav	nav	nav	1.1
Singapore	nav	nav	nav	nav	nav	13.9	14.8	19.0	6.3	0.8
South Africa	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Sweden	-27.8	-24.2	8.2	5.6	-4.6	17.2	20.6	23.5	11.8	3.9
Switzerland	nav	nav	nav	nav	nav	5.3	7.4	12.5	2.3	-2.4
Turkey	nav	nav	nav	nav	nav	nav	16.4	19.6	17.7	3.8
United Kingdom	2.2	11.8	9.0	14.5	-9.9	-2.2	-3.9	2.7	-2.8	-7.6
United States	nav	nav	nav	nav	nav	7.4	6.3	5.5	-1.6	-9.7
<b>CPSS<sup>2</sup></b>	<b>2.3</b>	<b>6.9</b>	<b>3.4</b>	<b>6.4</b>	<b>-15.5</b>	<b>9.2</b>	<b>7.3</b>	<b>9.6</b>	<b>1.6</b>	<b>-9.7</b>

Please refer to the individual country tables and the footnotes to Comparative Table 9 for a detailed explanation.

<sup>1</sup> Different methodology and data collection method since reporting year 2007. <sup>2</sup> Sum or average excluding those countries for which data are not available.

**Table 9c****Use of payment instruments by non-banks: average value per transaction***(USD, total for the year)<sup>1</sup>*

	Credit transfers					Direct debits				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
Australia	3,386	3,638	4,423	4,447	3,788	5,490	5,883	7,078	7,071	6,044
Belgium	5,263	5,142	6,231	7,000	6,596	289	292	332	375	337
Brazil	770	997	1,226	1,486	1,301	nav	nav	nav	nav	598
Canada	5,349	5,930	6,318	6,213	4,901	565	628	710	756	700
China	nav	34,883	46,528	48,724	48,364	nav	nav	nav	nav	nav
France	6,943	8,493	9,622	10,548	10,228	448	450	480	510	455
Germany <sup>2</sup>	5,762	5,479	14,835	15,784	13,191	629	624	1,957	2,122	1,878
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	53,721	70,349	122,246	105,769	106,013	82	75	93	96	96
Italy	6,701	7,241	8,918	10,239	8,342	775	781	895	912	854
Japan <sup>3</sup>	15,826	15,922	16,955	19,004	18,531	nav	nav	nav	nav	nav
Korea	2,946	3,513	3,797	3,259	3,037	80	89	100	92	80
Mexico	11,272	11,807	10,482	12,324	18,848	149	286	295	311	247
Netherlands	5,155	5,276	5,717	5,738	5,040	271	280	314	359	304
Russia	10,539	9,061	9,883	9,764	5,773	2,843	2,244	3,220	2,531	516
Saudi Arabia	260,162	237,146	228,305	249,952	225,572	47	70	71	52	53
Singapore	2,633	2,821	3,287	3,597	3,433	467	518	655	821	776
South Africa	nav	nav	nav	nav	3,652	nav	nav	nav	nav	172
Sweden	1,625	1,615	1,830	1,893	1,607	288	266	302	300	255
Switzerland	4,639	4,800	5,088	5,692	5,204	1,237	1,268	1,179	1,365	1,291
Turkey	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
United Kingdom	49,036	54,765	67,002	47,161	32,328	532	544	597	558	439
United States	2,852	2,965	3,068	3,040	2,890	1,744	1,530	1,396	1,319	1,289
<b>CPSS<sup>4</sup></b>	<b>nap</b>	<b>nap</b>	<b>nap</b>	<b>nap</b>	<b>nap</b>	<b>899</b>	<b>857</b>	<b>1,215</b>	<b>1,236</b>	<b>1,053</b>

**Table 9c (cont)**

	Cheques					E-money payment transactions				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
Australia	2,618	2,851	3,710	3,716	3,598	nav	nav	nav	nav	nav
Belgium	5,449	5,605	8,163	8,369	7,593	5.9	5.8	6.0	6.4	6.2
Brazil	360	432	563	708	696	17.3	80.7	98.0	116.3	209.7
Canada	2,250	2,567	2,900	2,974	2,609	nav	nav	nav	nav	nav
China	nav	24,037	32,821	41,636	45,170	nav	nav	nav	nav	nav
France	690	724	815	868	773	3.1	2.5	2.7	3.1	3.1
Germany <sup>2</sup>	5,969	6,938	7,719	8,571	7,706	2.9	3.1	4.2	4.7	4.7
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	1,996	1,943	2,221	2,055	1,560	nav	nav	nav	nav	nav
Italy	3,097	3,314	3,746	4,153	3,772	77.9	83.4	93.3	92.4	80.6
Japan <sup>3</sup>	32,788	30,612	31,832	37,371	41,505	nav	nav	6.1	7.3	9.0
Korea	4,257	5,270	6,067	6,427	6,831	0.7	0.7	0.8	0.7	0.6
Mexico	1,727	1,894	2,012	2,070	1,775	nav	nav	nav	nav	nav
Netherlands	nav	nav	nav	nav	nav	3.4	3.4	3.7	4.0	3.7
Russia	1,618	5,159	8,564	9,182	11,117	11.1	13.2	34.0	53.6	22.5
Saudi Arabia	17,780	18,657	22,464	25,955	24,560	nav	nav	nav	nav	nav
Singapore	3,133	3,838	5,227	5,347	5,079	0.5	0.6	0.7	0.7	0.6
South Africa	nav	nav	nav	nav	2,697	nav	nav	nav	nav	nav
Sweden	7,342	7,331	8,804	10,474	5,494	nav	nav	nav	nav	nav
Switzerland	1,738	1,702	1,786	2,184	2,621	2.9	3.0	3.8	3.7	4.1
Turkey	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
United Kingdom	1,583	1,745	2,062	1,964	1,557	nav	nav	nav	nav	nav
United States	1,276	1,363	1,450	1,536	1,623	nav	nav	nav	nav	nav
<b>CPSS<sup>4</sup></b>	<b>1,434</b>	<b>2,171</b>	<b>2,460</b>	<b>2,713</b>	<b>2,833</b>	<b>1.9</b>	<b>2.4</b>	<b>4.2</b>	<b>5.2</b>	<b>6.1</b>

Please refer to the individual country tables for a detailed explanation.

<sup>1</sup> Converted at yearly average exchange rates, except as noted. <sup>2</sup> Different methodology and data collection method since reporting year 2007.<sup>3</sup> For credit transfers and e-money payment transactions, total for the fiscal year ending March of the following year, converted at average fiscal year exchange rates. <sup>4</sup> Sum or average excluding those countries for which data are not available. For credit transfers, data for France (prior to 2005) and the United Kingdom include interbank transactions. Since the value of these transactions is relatively large, cross-country comparison should be treated with caution; consequently, CPSS figures for credit transfers have not been calculated.

Table 9c (cont)

	Card payments (except e-money)					of which: by cards with a debit function				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
Australia	72.5	73.5	83.4	85.1	77.8	45.3	46.0	51.7	53.1	49.6
Belgium	69.7	70.7	77.5	82.5	76.3	62.2	63.0	69.0	73.5	68.6
Brazil	27.0	30.8	36.0	39.0	37.8	19.1	21.5	25.1	27.3	26.4
Canada	57.1	61.7	67.5	68.9	61.5	36.9	39.8	42.3	42.7	38.7
China	nav	227.4	233.4	218.1	287.8	nav	nav	nav	nav	nav
France	61.6	63.2	69.2	74.2	68.2	nav	nav	nav	nav	nav
Germany <sup>1</sup>	83.0	84.0	93.4	98.3	90.0	75.9	76.6	83.4	86.8	80.3
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	nav	50.9	58.8	58.9	51.9	nav	50.3	58.2	58.8	51.3
Italy	114.4	121.4	132.7	122.4	111.9	107.7	116.1	127.0	104.8	96.6
Japan	106.7	67.1	66.9	80.0	nav	618.6	618.2	565.6	599.7	600.7
Korea	95.3	92.2	94.3	75.5	56.9	39.0	39.3	39.7	32.7	27.2
Mexico	65.4	59.5	58.2	58.7	50.6	45.4	47.6	45.8	45.2	37.6
Netherlands	59.9	60.5	65.0	68.0	58.9	55.9	56.0	60.3	62.7	54.8
Russia	80.1	65.2	72.7	90.7	58.6	76.0	60.3	70.0	88.8	57.0
Saudi Arabia	121.9	116.5	122.8	115.7	116.9	121.9	116.5	122.8	115.7	116.9
Singapore	119.8	135.3	157.4	178.7	162.3	50.2	59.4	68.8	79.3	75.0
South Africa	nav	nav	nav	nav	49.1	nav	nav	nav	nav	nav
Sweden	65.7	61.9	67.8	64.4	54.8	62.3	58.9	61.5	58.5	53.8
Switzerland	137.5	137.9	144.2	153.6	144.2	129.6	129.1	134.7	143.4	136.7
Turkey	45.8	52.9	69.4	76.5	63.7	19.9	21.2	24.4	24.9	20.7
United Kingdom	91.1	94.0	105.4	98.5	80.4	77.3	81.2	91.3	85.4	71.8
United States	61.6	61.3	61.0	60.1	55.6	39.1	39.3	39.1	39.2	37.6
<b>CPSS<sup>2</sup></b>	<b>66.7</b>	<b>68.3</b>	<b>71.6</b>	<b>71.9</b>	<b>67.5</b>	<b>49.7</b>	<b>50.0</b>	<b>51.6</b>	<b>50.8</b>	<b>46.5</b>

Table 9c (cont)

	by cards with a delayed debit function					by cards with a credit function				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
Australia	nav	nav	nav	nav	nav	100.2	102.7	119.0	124.3	115.6
Belgium	132.0	133.2	143.9	153.0	137.1	nav	nav	nav	nav	nav
Brazil	nav	nav	nav	nav	nav	32.9	38.0	44.4	48.5	47.1
Canada	nav	nav	nav	nav	nav	88.8	95.1	104.3	106.6	94.7
China	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
France	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Germany <sup>1</sup>	118.8	120.6	121.4	133.2	119.4	nav	nav	202.7	232.1	195.6
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	121.1	115.2
India	nav	nav	nav	221.1	171.8	nav	55.5	63.6	59.8	56.3
Italy	nav	nav	nav	nav	nav	124.9	130.1	142.2	151.7	136.1
Japan	nav	nav	nav	nav	nav	104.6	65.7	65.7	78.8	nav
Korea	nav	nav	nav	nav	nav	100.0	98.3	103.0	83.7	63.6
Mexico	nav	nav	nav	nav	nav	83.8	70.2	70.4	72.9	67.0
Netherlands	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Russia	nav	nav	nav	nav	nav	181.9	177.7	121.8	124.1	87.1
Saudi Arabia	nav	nav	nav	nav	nav	nav	nav	nav	121.7	122.3
Singapore	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
South Africa	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Sweden	88.4	64.5	71.8	59.4	77.6	80.7	82.9	124.9	122.9	54.8
Switzerland	nav	nav	nav	nav	nav	157.6	161.4	166.6	178.6	163.0
Turkey	nav	nav	nav	nav	nav	46.5	54.2	71.8	79.9	67.5
United Kingdom	181.2	309.1	379.2	409.9	346.2	110.1	111.1	125.6	116.9	92.5
United States	nav	nav	nav	nav	nav	85.7	87.0	89.1	89.9	86.7
<b>CPSS<sup>2</sup></b>	<b>138.7</b>	<b>163.2</b>	<b>186.3</b>	<b>194.5</b>	<b>172.7</b>	<b>87.0</b>	<b>84.2</b>	<b>88.1</b>	<b>89.0</b>	<b>82.3</b>

Please refer to the individual country tables and the footnotes to Comparative Table 9 for a detailed explanation.

<sup>1</sup> Different methodology and data collection method since reporting year 2007. <sup>2</sup> Sum or average excluding those countries for which data are not available.



Table 9d

## Use of payment instruments by non-banks: value of transactions per inhabitant

(USD, total for the year)<sup>1</sup>

	Credit transfers					Direct debits				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
Australia	178,689	199,829	256,957	271,557	238,188	131,146	145,731	187,906	198,557	177,247
Belgium	410,275	409,959	524,321	604,855	580,059	6,041	6,416	7,478	8,651	8,090
Brazil	20,164	28,468	38,887	52,129	48,622	nav	nav	nav	nav	13,312
Canada	142,400	171,303	198,797	202,357	165,446	10,974	12,773	15,169	16,790	15,707
China	nav	16,740	24,264	27,229	29,722	nav	nav	nav	nav	nav
France	266,554	351,750	395,468	443,569	442,395	17,952	19,470	21,961	24,046	23,061
Germany <sup>2</sup>	469,042	483,089	1,006,269	1,089,460	936,967	50,777	55,826	184,374	206,603	193,227
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	2,383	4,872	10,474	12,273	17,959	3	5	10	13	12
Italy	120,830	132,105	165,805	183,413	168,163	6,176	6,418	7,733	8,512	8,230
Japan <sup>3</sup>	167,734	169,677	185,521	208,622	205,569	nav	nav	nav	nav	nav
Korea	100,743	130,720	160,092	154,977	151,262	1,921	2,418	2,933	2,608	2,187
Mexico	38,020	62,767	61,814	81,785	129,695	44	83	107	121	97
Netherlands	398,937	441,053	493,515	514,997	455,199	17,585	19,522	22,555	26,670	23,301
Russia	63,269	85,637	127,742	143,223	82,838	267	682	1,824	1,876	495
Saudi Arabia	16,047	18,308	20,587	30,227	30,413	0	1	3	4	4
Singapore	13,287	15,460	19,155	22,351	21,824	5,579	6,314	7,698	8,739	8,178
South Africa	nav	nav	nav	nav	32,232	nav	nav	nav	nav	1,839
Sweden	117,717	132,336	162,031	182,047	156,172	5,094	5,775	6,856	7,413	6,568
Switzerland	367,938	392,815	432,819	500,070	468,900	8,609	8,351	6,696	7,716	7,350
Turkey	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
United Kingdom	2,428,963	2,765,169	3,428,332	2,446,544	1,713,213	24,042	25,655	28,996	27,949	22,374
United States	52,592	58,994	64,901	68,201	66,859	42,243	44,314	47,339	47,628	46,277
<b>CPSS<sup>4</sup></b>	<b>nav</b>	<b>nav</b>	<b>nav</b>	<b>nav</b>	<b>nav</b>	<b>9,898</b>	<b>10,547</b>	<b>16,261</b>	<b>17,156</b>	<b>15,490</b>

Table 9d (cont)

	Cheques					E-money payment transactions				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
Australia	61,952	61,817	73,428	63,940	54,418	nav	nav	nav	nav	nav
Belgium	8,162	7,124	8,104	6,862	5,561	57.8	52.8	50.7	48.0	40.3
Brazil	4,958	5,150	5,995	7,330	6,556	1.0	0.6	0.9	1.5	2.6
Canada	94,564	104,582	113,207	108,617	87,754	nav	nav	nav	nav	nav
China	nav	21,805	24,350	27,732	29,705	nav	nav	nav	nav	nav
France	43,078	43,829	46,783	47,201	39,563	0.8	0.8	1.1	1.6	1.7
Germany <sup>1</sup>	7,779	9,173	7,079	6,827	5,363	1.3	1.6	2.7	2.7	2.5
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	2,320	2,368	2,851	2,489	1,838	nav	nav	nav	nav	nav
Italy	24,800	25,733	27,124	26,943	21,160	27.3	48.4	78.5	113.0	121.0
Japan <sup>3</sup>	37,586	32,161	30,785	32,779	31,316	nav	nav	38.6	63.7	106.0
Korea	72,546	125,755	148,494	145,973	130,507	2.4	2.5	2.3	1.7	1.5
Mexico	9,521	10,003	10,262	9,758	7,644	nav	nav	nav	nav	nav
Netherlands	nav	nav	nav	nav	nav	30.3	33.8	39.7	42.7	40.0
Russia	7	23	16	2	1	0.4	0.4	0.4	2.8	7.6
Saudi Arabia	5,827	5,657	6,559	7,668	6,889	nav	nav	nav	nav	nav
Singapore	62,943	73,468	97,740	92,221	80,583	199.7	217.8	249.0	278.8	265.7
South Africa	nav	nav	nav	nav	5,665	nav	nav	nav	nav	nav
Sweden	813	807	962	1,132	588	nav	nav	nav	nav	nav
Switzerland	417	338	295	294	239	7.5	7.4	8.7	8.4	8.3
Turkey	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
United Kingdom	50,741	51,210	54,105	44,871	32,300	nav	nav	nav	nav	nav
United States	140,587	138,759	135,563	134,577	133,844	nav	nav	nav	nav	nav
<b>CPSS<sup>4</sup></b>	<b>27,682</b>	<b>26,142</b>	<b>27,368</b>	<b>28,207</b>	<b>27,322</b>	<b>1.7</b>	<b>1.5</b>	<b>3.4</b>	<b>4.9</b>	<b>6.5</b>

Please refer to the individual country tables for a detailed explanation.

<sup>1</sup> Converted at yearly average exchange rates, except as noted. <sup>2</sup> Different methodology and data collection method since reporting year 2007.<sup>3</sup> For credit transfers and e-money payment transactions, total for the fiscal year ending March of the following year, converted at average fiscal year exchange rates. <sup>4</sup> Sum or average excluding those countries for which data are not available. For credit transfers, data for France (prior to 2005) and the United Kingdom include interbank transactions. Since the value of these transactions is relatively large, cross-country comparison should be treated with caution; consequently, CPSS figures for credit transfers have not been calculated.

Table 9d (cont)

	Card payments (except e-money)					of which: by cards with a debit function				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
Australia	8,478	9,221	11,250	12,464	12,247	2,680	2,965	3,684	4,289	4,473
Belgium	4,913	5,347	6,255	7,163	7,024	3,917	4,248	4,942	5,656	5,605
Brazil	391	542	746	957	1,012	119	166	228	302	319
Canada	8,891	10,354	11,927	13,012	11,969	3,522	4,030	4,437	4,754	4,457
China	nav	184	308	436	755	nav	nav	nav	nav	nav
France	5,152	5,616	6,683	7,569	7,324	nav	nav	nav	nav	nav
Germany <sup>1</sup>	2,386	2,485	2,407	2,739	2,663	1,825	1,886	1,729	1,972	1,942
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	nav	68	108	140	167	nav	59	95	126	154
Italy	2,354	2,569	2,996	2,878	2,755	1,358	1,531	1,780	1,542	1,458
Japan	2,342	2,393	2,628	3,271	nav	57	53	51	58	62
Korea	5,350	6,326	7,491	7,373	6,784	161	270	421	501	587
Mexico	278	332	399	449	402	93	126	155	177	167
Netherlands	5,207	5,734	6,717	7,734	7,354	4,609	5,024	5,902	6,769	6,537
Russia	81	103	180	330	279	74	91	165	306	257
Saudi Arabia	3,160	3,492	3,830	4,627	4,914	3,160	3,492	3,830	4,627	4,914
Singapore	3,897	4,750	5,813	6,740	6,672	1,634	2,084	2,539	2,991	3,084
South Africa	nav	nav	nav	nav	875	nav	nav	nav	nav	nav
Sweden	7,686	8,118	9,913	11,366	9,957	6,116	6,447	7,713	8,824	7,702
Switzerland	7,037	7,398	8,303	9,641	9,633	4,781	4,992	5,466	6,386	6,515
Turkey	nav	nav	1,419	1,831	1,677	nav	nav	25	37	44
United Kingdom	9,506	10,431	12,438	12,182	10,646	5,397	6,234	7,611	7,576	6,993
United States	8,909	9,902	10,885	11,480	11,021	2,924	3,415	3,916	4,414	4,711
<b>CPSS<sup>2</sup></b>	<b>4,061</b>	<b>1,656</b>	<b>1,885</b>	<b>2,072</b>	<b>2,042</b>	<b>1,533</b>	<b>949</b>	<b>1,071</b>	<b>1,192</b>	<b>1,217</b>

Table 9d (cont)

	by cards with a delayed debit function					by cards with a credit function				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
Australia	nav	nav	nav	nav	nav	5,799	6,256	7,565	8,174	7,774
Belgium	996	1,099	1,313	1,506	1,419	nav	nav	nav	nav	nav
Brazil	nav	nav	nav	nav	nav	272	377	518	655	693
Canada	nav	nav	nav	nav	nav	5,369	6,323	7,490	8,258	7,512
China	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
France	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Germany <sup>1</sup>	562	599	510	576	526	nav	nav	168	191	196
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	5,569	5,538
India	nav	nav	nav	0	1	nav	9	13	14	11
Italy	nav	nav	nav	nav	nav	996	1,038	1,217	1,336	1,297
Japan	nav	nav	nav	nav	nav	2,285	2,340	2,577	3,213	nav
Korea	nav	nav	nav	nav	nav	5,181	6,045	7,054	6,856	6,180
Mexico	nav	nav	nav	nav	nav	185	206	244	272	235
Netherlands	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Russia	nav	nav	nav	nav	nav	7	12	15	25	22
Saudi Arabia	nav	nav	nav	nav	nav	nav	nav	nav	144	150
Singapore	nav	nav	nav	nav	nav	2,263	2,666	3,273	3,748	3,588
South Africa	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Sweden	578	448	534	590	490	992	1,224	1,666	1,952	1,765
Switzerland	nav	nav	nav	nav	nav	2,257	2,417	2,837	3,255	3,118
Turkey	nav	nav	nav	nav	nav	nav	nav	1,393	1,794	1,633
United Kingdom	797	918	1,107	1,195	930	3,312	3,278	3,721	3,411	2,723
United States	nav	nav	nav	nav	nav	5,985	6,487	6,969	7,066	6,310
<b>CPSS<sup>2</sup></b>	<b>678</b>	<b>742</b>	<b>787</b>	<b>108</b>	<b>91</b>	<b>2,661</b>	<b>1,445</b>	<b>1,511</b>	<b>1,579</b>	<b>1,338</b>

Please refer to the individual country tables and the footnotes to Comparative Table 9 for a detailed explanation.

<sup>1</sup> Different methodology and data collection method since reporting year 2007. <sup>2</sup> Sum or average excluding those countries for which data are not available.

**Table 9e****Use of payment instruments by non-banks: value of transactions as a ratio to GDP***(in %, total for the year)*

	Credit transfers					Direct debits				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
Australia	497	525	565	554	527	364.5	382.9	413.5	404.9	391.9
Belgium	1,142	1,083	1,220	1,289	1,333	16.8	16.9	17.4	18.4	18.6
Brazil	419	485	534	604	591	nav	nav	nav	nav	161.7
Canada	404	436	459	449	417	31.2	32.5	35.0	37.2	39.5
China	nav	810	916	786	806	nav	nav	nav	nav	nav
France	780	981	970	998	1,076	52.5	54.3	53.9	54.1	56.1
Germany <sup>1</sup>	1,389	1,363	2,487	2,465	2,301	150.4	157.6	455.7	467.4	474.5
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	314	578	995	1,103	1,632	0.4	0.6	1.0	1.2	1.1
Italy	396	414	461	474	475	20.2	20.1	21.5	22.0	23.3
Japan	471	497	542	546	521	nav	nav	nav	nav	nav
Korea	574	664	739	809	885	10.9	12.3	13.5	13.6	12.8
Mexico	462	688	635	798	1,588	0.5	0.9	1.1	1.2	1.2
Netherlands	1,021	1,064	1,035	973	948	45.0	47.1	47.3	50.4	48.5
Russia	1,185	1,232	1,396	1,222	960	5.0	9.8	19.9	16.0	5.7
Saudi Arabia	118	122	130	157	205	0.0	0.0	0.0	0.0	0.0
Singapore	47	50	54	59	60	19.9	20.3	21.9	23.2	22.4
South Africa	nav	nav	nav	nav	561	nav	nav	nav	nav	32.0
Sweden	287	301	321	346	361	12.4	13.1	13.6	14.1	15.2
Switzerland	742	759	759	768	742	17.4	16.1	11.7	11.8	11.6
Turkey	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
United Kingdom	6,421	6,855	7,436	5,664	4,857	63.6	63.6	62.9	64.7	63.4
United States	124	132	139	144	145	99.3	99.2	101.7	100.8	100.7
<b>CPSS<sup>2</sup></b>	<b>nap</b>	<b>nap</b>	<b>nap</b>	<b>nap</b>	<b>nap</b>	<b>71.2</b>	<b>71.3</b>	<b>100.2</b>	<b>101.5</b>	<b>105.3</b>

**Table 9e (cont)**

	Cheques					E-money payment transactions				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
Australia	172.2	162.4	161.6	130.4	120.3	nav	nav	nav	nav	nav
Belgium	22.7	18.8	18.9	14.6	12.8	0.16	0.14	0.12	0.10	0.09
Brazil	103.1	87.8	82.4	85.0	79.6	0.02	0.01	0.01	0.02	0.03
Canada	268.6	266.0	261.6	240.8	220.9	nav	nav	nav	nav	nav
China	nav	1,055.4	918.9	800.4	805.2	nav	nav	nav	nav	nav
France	126.0	122.2	114.7	106.2	96.2	0.00	0.00	0.00	0.00	0.00
Germany <sup>1</sup>	23.0	25.9	17.5	15.4	13.2	0.00	0.00	0.01	0.01	0.01
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	305.7	281.1	270.7	223.7	167.1	nav	nav	nav	nav	nav
Italy	81.2	80.7	75.5	69.7	59.8	0.09	0.15	0.22	0.29	0.34
Japan	105.5	94.2	89.9	85.8	79.3	nav	nav	0.11	0.17	0.27
Korea	413.4	638.6	685.7	762.2	763.9	0.01	0.01	0.01	0.01	0.01
Mexico	115.8	109.7	105.4	95.2	93.6	nav	nav	nav	nav	nav
Netherlands	nav	nav	nav	nav	nav	0.08	0.08	0.08	0.08	0.08
Russia	0.1	0.3	0.2	0.0	0.0	0.01	0.01	0.00	0.02	0.09
Saudi Arabia	42.7	37.6	41.3	39.9	46.5	nav	nav	nav	nav	nav
Singapore	224.2	236.8	278.0	245.3	220.6	0.71	0.70	0.71	0.74	0.73
South Africa	nav	nav	nav	nav	98.5	nav	nav	nav	nav	nav
Sweden	2.0	1.8	1.9	2.2	1.4	nav	nav	nav	nav	nav
Switzerland	0.8	0.7	0.5	0.5	0.4	0.02	0.01	0.02	0.01	0.01
Turkey	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
United Kingdom	134.1	127.0	117.4	103.9	91.6	nav	nav	nav	nav	nav
United States	330.3	310.5	291.2	284.8	291.2	nav	nav	nav	nav	nav
<b>CPSS<sup>2</sup></b>	<b>195.1</b>	<b>251.3</b>	<b>238.3</b>	<b>228.7</b>	<b>235.8</b>	<b>0.04</b>	<b>0.05</b>	<b>0.07</b>	<b>0.09</b>	<b>0.13</b>

Please refer to the individual country tables for a detailed explanation.

<sup>1</sup> Different methodology and data collection method since reporting year 2007. <sup>2</sup> Sum or average excluding those countries for which data are not available. For credit transfers, data for France (prior to 2005) and the United Kingdom include interbank transactions. Since the value of these transactions is relatively large, cross-country comparison should be treated with caution; consequently, CPSS figures for credit transfers have not been calculated.

Table 9e (cont)

	Card payments (except e-money)					of which: by cards with a debit function				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
Australia	23.6	24.2	24.8	25.4	27.1	7.4	7.8	8.1	8.7	9.9
Belgium	13.7	14.1	14.6	15.3	16.1	10.9	11.2	11.5	12.1	12.9
Brazil	8.1	9.2	10.2	11.1	12.3	2.5	2.8	3.1	3.5	3.9
Canada	25.3	26.3	27.6	28.8	30.1	10.0	10.3	10.3	10.5	11.2
China	nav	8.9	11.6	12.6	20.5	nav	nav	nav	nav	nav
France	15.1	15.7	16.4	17.0	17.8	nav	nav	nav	nav	nav
Germany <sup>1</sup>	7.1	7.0	5.9	6.2	6.5	5.4	5.3	4.3	4.5	4.8
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	nav	8.0	10.3	12.6	15.2	nav	7.0	9.0	11.3	14.0
Italy	7.7	8.1	8.3	7.4	7.8	4.4	4.8	5.0	4.0	4.1
Japan	6.6	7.0	7.7	8.6	nav	0.2	0.2	0.1	0.2	0.2
Korea	30.5	32.1	34.6	38.5	39.7	0.9	1.4	1.9	2.6	3.4
Mexico	3.4	3.6	4.1	4.4	4.9	1.1	1.4	1.6	1.7	2.0
Netherlands	13.3	13.8	14.1	14.6	15.3	11.8	12.1	12.4	12.8	13.6
Russia	1.5	1.5	2.0	2.8	3.2	1.4	1.3	1.8	2.6	3.0
Saudi Arabia	23.2	23.2	24.1	24.1	33.2	23.2	23.2	24.1	24.1	33.2
Singapore	13.9	15.3	16.5	17.9	18.3	5.8	6.7	7.2	8.0	8.4
South Africa	nav	nav	nav	nav	15.2	nav	nav	nav	nav	nav
Sweden	18.7	18.5	19.6	21.6	23.0	14.9	14.7	15.3	16.8	17.8
Switzerland	14.2	14.3	14.6	14.8	15.2	9.6	9.6	9.6	9.8	10.3
Turkey	12.1	13.2	15.5	17.8	19.8	0.1	0.2	0.3	0.4	0.5
United Kingdom	25.1	25.9	27.0	28.2	30.2	14.3	15.5	16.5	17.5	19.8
United States	20.9	22.2	23.4	24.3	24.0	6.9	7.6	8.4	9.3	10.3
<b>CPSS<sup>2</sup></b>	<b>15.4</b>	<b>15.5</b>	<b>16.3</b>	<b>16.6</b>	<b>19.0</b>	<b>5.9</b>	<b>6.4</b>	<b>6.8</b>	<b>7.2</b>	<b>8.0</b>

Table 9e (cont)

	by cards with a delayed debit function					by cards with a credit function				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
Australia	nav	nav	nav	nav	nav	16.1	16.4	16.6	16.7	17.2
Belgium	2.8	2.9	3.1	3.2	3.3	nav	nav	nav	nav	nav
Brazil	nav	nav	nav	nav	nav	5.7	6.4	7.1	7.6	8.4
Canada	nav	nav	nav	nav	nav	15.2	16.1	17.3	18.3	18.9
China	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
France	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Germany <sup>1</sup>	1.7	1.7	1.3	1.3	1.3	nav	nav	0.4	0.4	0.5
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	18.1	18.6
India	nav	nav	nav	0.0	0.1	nav	1.0	1.2	1.2	1.0
Italy	nav	nav	nav	nav	nav	3.3	3.3	3.4	3.5	3.7
Japan	nav	nav	nav	nav	nav	6.4	6.9	7.5	8.4	nav
Korea	nav	nav	nav	nav	nav	29.5	30.7	32.6	35.8	36.2
Mexico	nav	nav	nav	nav	nav	2.3	2.3	2.5	2.7	2.9
Netherlands	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Russia	nav	nav	nav	nav	nav	0.1	0.2	0.2	0.2	0.3
Saudi Arabia	nav	nav	nav	nav	nav	nav	nav	nav	0.8	1.0
Singapore	nav	nav	nav	nav	nav	8.1	8.6	9.3	10.0	9.8
South Africa	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Sweden	1.4	1.0	1.1	1.1	1.1	2.4	2.8	3.3	3.7	4.1
Switzerland	nav	nav	nav	nav	nav	4.5	4.7	5.0	5.0	4.9
Turkey	nav	nav	nav	nav	nav	11.9	13.0	15.2	17.5	19.2
United Kingdom	2.1	2.3	2.4	2.8	2.6	8.8	8.1	8.1	7.9	7.7
United States	nav	nav	nav	nav	nav	14.1	14.5	15.0	15.0	13.7
<b>CPSS<sup>2</sup></b>	<b>1.9</b>	<b>2.0</b>	<b>1.8</b>	<b>1.7</b>	<b>1.6</b>	<b>10.5</b>	<b>10.5</b>	<b>9.9</b>	<b>9.8</b>	<b>9.8</b>

Please refer to the individual country tables and the footnotes to Comparative Table 9 for a detailed explanation.

<sup>1</sup> Different methodology and data collection method since reporting year 2007. <sup>2</sup> Sum or average excluding those countries for which data are not available.

**Table 10**  
**Cards issued in the country: number of cards**  
 (millions, end of year)<sup>1</sup>

	Cards with a cash function					Cards with an e-money function				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
Australia	45.58	48.30	51.23	54.82	58.22	nap	nap	nap	nap	nap
Belgium	15.93	16.61	17.49	18.72	19.26	9.62	10.79	10.90	11.44	11.32
Brazil	175.40	186.70	195.20	222.50	237.17	1.37	0.29	0.31	0.47	0.70
Canada	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
China	nav	1,127	1,499	1,800	2,066	nav	nav	nav	nav	nav
France	81.91	85.65	91.75	93.59	95.14	22.34	21.97	26.73	30.70	30.75
Germany <sup>2</sup>	109.07	104.22	123.10	125.71	129.41	63.96	65.91	77.77	79.93	85.96
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	67.09	98.10	129.98	162.36	200.52	nav	nav	nav	nav	nav
Italy	35.06	38.39	40.28	47.03	45.85	3.27	4.46	5.81	8.21	9.19
Japan	449.81	456.13	463.84	472.82	346.40	nav	nav	80.61	105.03	129.89
Korea	nav	nav	nav	nav	nav	20.66	22.86	13.16	13.04	14.47
Mexico	50.77	72.92	76.69	82.18	82.93	nav	nav	nav	nav	nav
Netherlands	31.45	31.72	31.36	30.93	30.20	17.53	18.20	18.13	18.25	24.07
Russia	54.66	74.76	103.50	119.24	126.03	0.06	0.18	0.46	0.61	2.04
Saudi Arabia	8.04	9.97	11.10	12.37	13.71	nav	nav	nav	nav	nav
Singapore	7.48	8.26	8.93	9.63	8.96	11.11	12.04	13.87	14.71	15.33
South Africa	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Sweden	8.73	9.42	9.82	10.65	10.88	nav	nav	nav	nav	nav
Switzerland	9.69	10.44	11.27	12.10	12.59	4.38	4.62	4.81	5.15	5.01
Turkey	27.64	29.89	33.87	38.14	38.53	nav	nav	nav	nav	nav
United Kingdom	164.44	164.10	164.88	168.28	162.21	nav	nav	nav	nav	nav
United States	965.33	937.69	982.45	952.40	855.20	nav	nav	nav	nav	nav
<b>CPSS<sup>3</sup></b>	<b>2,262.51</b>	<b>3,461.80</b>	<b>3,994.11</b>	<b>4,379.04</b>	<b>4,480.93</b>	<b>154.30</b>	<b>161.32</b>	<b>252.56</b>	<b>287.54</b>	<b>328.72</b>

**Table 10 (cont)**

	Cards with a payment function					of which: cards with a debit function				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
Australia	45.58	48.30	51.23	54.82	58.22	28.90	30.56	32.35	35.34	37.93
Belgium	15.93	16.61	17.49	18.72	19.26	12.7	13.2	13.7	14.7	15.0
Brazil	231.46	259.72	300.12	345.73	373.76	163.9	174.5	182.4	207.9	221.5
Canada	80.71	82.06	89.67	94.18	96.11	20.48	20.29	21.26	21.50	22.30
China	nav	1126.84	1498.60	1800.39	2065.94	nav	1,076.21	1,408.34	1,658.06	1,880.39
France	78.83	77.08	82.43	85.47	86.95	38.91	56.35	64.39	65.96	70.77
Germany <sup>2</sup>	106.83	107.97	122.04	122.87	125.80	88.48	89.71	100.29	100.71	101.71
Hong Kong SAR	nav	nav	nav	14.05	14.50	nav	nav	nav	nav	nav
India	67.09	98.10	129.99	162.36	200.51	49.76	74.98	102.44	137.43	181.97
Italy	59.62	63.89	67.60	73.05	69.11	30.73	32.61	33.10	37.06	35.47
Japan	683.05	699.66	729.59	726.83	nav	394.00	407.00	421.00	409.00	412.00
Korea	168.11	182.70	190.72	215.01	231.33	81.65	90.23	101.95	118.78	124.34
Mexico	50.77	72.92	76.69	82.18	82.93	36.07	51.74	51.87	56.94	60.83
Netherlands	25.40	25.48	25.33	25.21	24.39	25.40	25.48	25.33	25.21	24.39
Russia	54.61	74.58	103.04	118.63	123.99	52.13	68.92	94.10	109.33	115.39
Saudi Arabia	9.10	11.39	12.87	14.30	15.73	8.04	9.97	11.10	12.37	13.71
Singapore	11.92	13.35	14.58	15.90	15.66	7.48	8.26	8.93	9.63	8.96
South Africa	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Sweden	12.72	14.03	14.31	15.18	18.99	8.00	8.60	9.04	9.48	9.80
Switzerland	9.79	10.46	11.28	12.11	12.60	6.33	6.59	6.97	7.61	7.90
Turkey	78.22	85.90	92.85	103.95	109.05	48.24	53.46	55.51	60.55	64.66
United Kingdom	141.57	142.80	141.30	144.77	140.18	66.99	68.35	71.62	76.27	79.27
United States	1543.91	1588.89	1600.61	1556.80	1386.40	269.00	271.42	273.86	276.30	278.80
<b>CPSS<sup>3</sup></b>	<b>3,429.66</b>	<b>4,754.42</b>	<b>5,321.12</b>	<b>5,747.69</b>	<b>5,213.21</b>	<b>1,408.29</b>	<b>2,607.85</b>	<b>3,057.24</b>	<b>3,414.82</b>	<b>3,729.13</b>

Table 10 (cont)

	<i>cards with a delayed debit function</i>					<i>cards with a credit function</i>				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
Australia	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	16.68	17.73	18.88	19.48	20.29
Belgium	3.26	3.42	3.77	4.03	4.27	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Brazil	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	67.54	85.23	117.72	137.79	152.29
Canada	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	60.23	61.77	68.41	72.68	73.81
China	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nav</i>	50.64	90.26	142.33	185.56
France	10.84	25.28	27.56	27.32	30.86	31.16	28.90	32.72	34.01	34.51
Germany <sup>2</sup>	18.35	18.26	17.94	18.44	19.91	<i>nav</i>	<i>nav</i>	3.81	3.72	4.18
Hong Kong SAR	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	14.05	14.50
India	<i>nap</i>	<i>nap</i>	<i>nap</i>	0.23	0.26	17.33	23.12	27.55	24.70	18.28
Italy	<i>nap</i>	<i>nap</i>	<i>nap</i>	0.00	0.00	28.89	31.27	34.51	35.98	33.64
Japan	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	289.05	292.66	308.59	317.83	<i>nav</i>
Korea	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	86.47	92.46	88.77	96.24	106.99
Mexico	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	14.70	21.18	24.82	25.24	22.10
Netherlands	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
Russia	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	2.48	5.66	8.94	9.30	8.60
Saudi Arabia	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	1.06	1.42	1.76	1.93	2.02
Singapore	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	4.44	5.09	5.65	6.28	6.70
South Africa	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Sweden	0.81	0.85	0.97	1.03	0.71	3.91	4.58	4.30	4.67	8.49
Switzerland	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	3.45	3.87	4.31	4.50	4.70
Turkey	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	29.98	32.43	37.34	43.39	44.39
United Kingdom	4.72	4.93	2.36	2.34	2.31	69.86	69.52	67.31	66.16	58.60
United States	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	1,274.91	1,317.47	1,326.75	1,280.50	1,107.60
<b>CPSS<sup>3</sup></b>	<b>37.98</b>	<b>52.74</b>	<b>52.59</b>	<b>53.38</b>	<b>58.32</b>	<b>1,985.46</b>	<b>2,127.28</b>	<b>2,253.52</b>	<b>2,321.30</b>	<b>1,886.95</b>

Please refer to the individual country tables and the footnotes to Comparative Table 9 for a detailed explanation.

<sup>1</sup> Except as noted. <sup>2</sup> Different methodology and data collection method since reporting year 2007. <sup>3</sup> Sum or average excluding those countries for which data are not available.

**Table 10a****Cards issued in the country: increase in the number of cards**

(% change on previous year)

	Cards with a cash function					Cards with an e-money function				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
Australia	5.7	6.0	6.1	7.0	6.2	nav	nav	nav	nav	nav
Belgium	1.3	4.2	5.3	7.0	2.9	7.1	12.2	1.0	4.9	-1.1
Brazil	9.9	6.4	4.6	14.0	6.6	nav	-79.1	7.8	53.7	49.0
Canada	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
China	nav	nav	33.0	20.1	14.7	nav	nav	nav	nav	nav
France	66.8	4.6	7.1	2.0	1.7	1,825.9	-1.6	22	14.9	0.1
Germany <sup>1</sup>	-5.0	-4.5	18.1	2.1	2.9	0.9	3.0	18.0	2.8	7.5
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	42.1	46.2	32.5	24.9	23.5	nav	nav	nav	nav	nav
Italy	9.7	9.5	4.9	16.8	-2.5	128.7	36.2	30.1	41.4	12.0
Japan <sup>2</sup>	1.4	1.4	1.7	1.9	-26.7	nav	nav	nav	30.3	23.7
Korea	nav	nav	nav	nav	nav	22.4	10.6	-42.4	-0.9	11.0
Mexico	nav	43.6	5.2	7.1	0.9	nav	nav	nav	nav	nav
Netherlands	13.1	0.9	-1.1	-1.3	-2.4	-2.6	3.8	-0.4	0.6	31.9
Russia	nav	36.8	38.4	15.2	5.7	nav	220.6	152.4	34.4	233.7
Saudi Arabia	24.9	24.0	11.4	11.4	10.9	nav	nav	nav	nav	nav
Singapore	20.7	10.4	8.2	7.7	-6.9	4.1	8.3	15.2	6.0	4.2
South Africa	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Sweden	5.0	8.0	4.2	8.5	2.1	nav	nav	nav	nav	nav
Switzerland	3.9	7.7	8.0	7.3	4.1	9.9	5.5	4.2	7.0	-2.7
Turkey	nav	8.1	13.3	12.6	1.0	nav	nav	nav	nav	nav
United Kingdom	-0.1	-0.2	0.5	2.1	-3.6	nav	nav	nav	nav	nav
United States	4.0	-2.9	4.8	-3.1	-10.2	nav	nav	nav	nav	nav
<b>CPSS<sup>3</sup></b>	<b>5.8</b>	<b>3.3</b>	<b>15.2</b>	<b>9.6</b>	<b>2.4</b>	<b>22.8</b>	<b>4.6</b>	<b>6.6</b>	<b>13.8</b>	<b>14.3</b>

**Table 10a (cont)**

	Cards with a payment function					of which: cards with a debit function				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
Australia	5.7	6.0	6.1	7.0	6.2	4.4	5.8	5.8	9.2	7.3
Belgium	1.3	4.2	5.3	7.0	2.9	1.0	4.0	4.1	7.1	2.0
Brazil	14.2	12.2	15.6	15.2	8.1	9.9	6.5	4.5	14.0	6.5
Canada	5.7	1.7	9.3	5.0	2.0	3.2	-0.9	4.8	1.1	3.7
China	nav	nav	33.0	20.1	14.7	nav	nav	30.9	17.7	13.4
France	nav	-2.2	6.9	3.7	1.7	nav	44.8	14.3	2.4	7.3
Germany <sup>1</sup>	0.3	1.1	13.0	0.7	2.4	0.0	1.4	11.8	0.4	1.0
Hong Kong SAR	nav	nav	nav	nav	3.2	nav	nav	nav	nav	nav
India	42.1	46.2	32.5	24.9	23.5	44.9	50.7	36.6	34.2	32.4
Italy	5.5	7.2	5.8	8.1	-5.4	4.2	6.1	1.5	12.0	-4.3
Japan	3.0	2.4	4.3	-0.4	nav	1.0	3.3	3.4	-2.9	0.7
Korea	4.4	8.7	4.4	12.7	7.6	8.9	10.5	13.0	16.5	4.7
Mexico	nav	43.6	5.2	7.1	0.9	nav	43.4	0.3	9.8	6.8
Netherlands	15.5	0.3	-0.6	-0.5	-3.3	15.5	0.3	-0.6	-0.5	-3.3
Russia	nav	36.6	38.2	15.1	4.5	nav	32.2	36.5	16.2	5.5
Saudi Arabia	41.3	25.2	13.0	11.1	10.0	24.9	24.0	11.4	11.4	10.9
Singapore	17.7	11.9	9.3	9.0	-1.5	20.7	10.4	8.2	7.7	-6.9
South Africa	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Sweden	3.0	10.3	2.0	6.1	25.1	8.8	7.6	5.1	4.9	3.3
Switzerland	4.0	6.9	7.8	7.3	4.1	5.2	4.0	5.8	9.1	3.9
Turkey	nav	9.8	8.1	12.0	4.9	nav	10.8	3.8	9.1	6.8
United Kingdom	1.2	0.9	-1.1	2.5	-3.2	2.2	2.0	4.8	6.5	3.9
United States	2.0	2.9	0.7	-2.7	-10.9	0.9	0.9	0.9	0.9	0.9
<b>CPSS<sup>3</sup></b>	<b>4.1</b>	<b>5.8</b>	<b>11.9</b>	<b>7.7</b>	<b>3.9</b>	<b>4.6</b>	<b>8.7</b>	<b>17.1</b>	<b>11.7</b>	<b>9.2</b>

Table 10a (cont)

	<i>cards with a delayed debit function</i>					<i>cards with a credit function</i>				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
Australia	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	8.1	6.3	6.5	3.2	4.2
Belgium	2.6	5.1	10.1	6.8	6.0	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Brazil	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	26.3	26.2	38.1	17.0	10.5
Canada	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	6.5	2.6	10.8	6.2	1.5
China	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	78.3	57.7	30.4
France	<i>nav</i>	133.2	9.0	-0.9	13.0	<i>nav</i>	-7.3	13.2	3.9	1.5
Germany <sup>1</sup>	2.0	-0.5	-1.8	2.8	8.0	<i>nav</i>	<i>nav</i>	<i>nav</i>	-2.3	12.3
Hong Kong SAR	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	3.2
India	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	13.0	34.9	33.4	19.2	-10.3	-26.0
Italy	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	6.9	8.2	10.3	4.3	-6.5
Japan	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	5.7	1.2	5.4	3.0	<i>nav</i>
Korea	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	0.5	6.9	-4.0	8.4	11.2
Mexico	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	44.1	17.2	1.7	-12.5
Netherlands	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Russia	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	128.3	58.0	3.9	-7.5
Saudi Arabia	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	34.4	24.1	9.6	4.5
Singapore	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	12.9	14.6	11.0	11.1	6.8
South Africa	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Sweden	0.7	4.6	13.9	6.4	-31.5	-6.9	17.1	-6.2	8.7	81.8
Switzerland	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	1.8	12.2	11.3	4.4	4.4
Turkey	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	8.2	15.1	16.2	2.3
United Kingdom	6.8	4.4	-52.1	-0.9	-1.3	0.0	-0.5	-3.2	-1.7	-11.4
United States	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	2.3	3.3	0.7	-3.5	-13.5
<b>CPSS<sup>3</sup></b>	<b>2.8</b>	<b>38.9</b>	<b>-0.3</b>	<b>1.1</b>	<b>9.3</b>	<b>3.8</b>	<b>4.6</b>	<b>5.8</b>	<b>2.4</b>	<b>-5.7</b>

Please refer to the individual country tables and the footnotes to Comparative Table 9 for a detailed explanation.

<sup>1</sup> Different methodology and data collection method since reporting year 2007. <sup>2</sup> The data collection methodology has been changed from 2009.

<sup>3</sup> Sum or average excluding those countries for which data are not available.



**Table 10b****Cards issued in the country: number of cards per inhabitant***(end of year)*<sup>1</sup>

	Cards with a cash function					Cards with an e-money function				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
Australia	2.23	2.33	2.43	2.54	2.64	nap	nap	nap	nap	nap
Belgium	1.52	1.57	1.64	1.74	1.78	0.92	1.02	1.02	1.06	1.04
Brazil	0.96	1.01	1.04	1.17	1.24	0.01	0.00	0.00	0.00	0.00
Canada	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
China	nav	0.86	1.14	1.36	1.55	nav	nav	nav	nav	nav
France	1.31	1.36	1.44	1.46	1.48	0.36	0.35	0.42	0.48	0.48
Germany <sup>2</sup>	1.32	1.27	1.50	1.53	1.58	0.78	0.80	0.95	0.97	1.05
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	0.06	0.09	0.11	0.14	0.17	nav	nav	nav	nav	nav
Italy	0.60	0.66	0.68	0.79	0.77	0.06	0.08	0.10	0.14	0.15
Japan	3.52	3.57	3.63	3.70	2.72	nav	nav	0.63	0.82	1.02
Korea	nav	nav	nav	nav	nav	0.43	0.47	0.27	0.27	0.30
Mexico	0.49	0.70	0.73	0.77	0.77	nav	nav	nav	nav	nav
Netherlands	1.93	1.94	1.91	1.88	1.82	1.07	1.11	1.11	1.11	1.45
Russia	0.38	0.52	0.73	0.84	0.89	0.00	0.00	0.00	0.00	0.01
Saudi Arabia	0.35	0.42	0.46	0.50	0.54	nav	nav	nav	nav	nav
Singapore	1.75	1.88	1.95	1.99	1.80	2.61	2.74	3.02	3.04	3.07
South Africa	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Sweden	0.97	1.04	1.07	1.15	1.16	nav	nav	nav	nav	nav
Switzerland	1.29	1.38	1.48	1.57	1.61	0.58	0.61	0.63	0.67	0.64
Turkey	nav	nav	0.48	0.53	0.53	nav	nav	nav	nav	nav
United Kingdom	2.73	2.71	2.70	2.74	2.63	nav	nav	nav	nav	nav
United States	3.25	3.13	3.25	3.13	2.78	nav	nav	nav	nav	nav
<b>CPSS<sup>3</sup></b>	<b>0.98</b>	<b>0.95</b>	<b>1.06</b>	<b>1.16</b>	<b>1.17</b>	<b>0.25</b>	<b>0.26</b>	<b>0.34</b>	<b>0.38</b>	<b>0.43</b>

**Table 10b (cont)**

	Cards with a payment function					of which: cards with a debit function				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
Australia	2.23	2.33	2.43	2.54	2.64	1.41	1.47	1.53	1.64	1.72
Belgium	1.52	1.57	1.64	1.74	1.78	1.21	1.25	1.29	1.37	1.38
Brazil	1.26	1.40	1.60	1.82	1.95	0.89	0.94	0.97	1.10	1.16
Canada	2.51	2.52	2.73	2.83	2.85	0.64	0.62	0.65	0.65	0.66
China	nav	0.86	1.14	1.36	1.55	nav	0.82	1.07	1.25	1.41
France	1.26	1.22	1.30	1.33	1.35	0.62	0.89	1.01	1.03	1.10
Germany <sup>2</sup>	1.30	1.31	1.48	1.50	1.54	1.07	1.09	1.22	1.23	1.24
Hong Kong SAR	nav	nav	nav	2.01	2.06	nav	nav	nav	nav	nav
India	0.06	0.09	0.11	0.14	0.17	0.04	0.07	0.09	0.12	0.16
Italy	1.03	1.09	1.15	1.23	1.16	0.53	0.56	0.56	0.62	0.59
Japan	5.35	5.48	5.71	5.69	nav	3.08	3.19	3.29	3.20	3.23
Korea	3.49	3.78	3.94	4.42	4.75	1.70	1.87	2.10	2.44	2.55
Mexico	0.49	0.70	0.73	0.77	0.77	0.35	0.50	0.49	0.54	0.57
Netherlands	1.56	1.56	1.54	1.53	1.47	1.56	1.56	1.54	1.53	1.47
Russia	0.38	0.52	0.73	0.84	0.87	0.36	0.48	0.66	0.77	0.81
Saudi Arabia	0.39	0.48	0.53	0.58	0.62	0.35	0.42	0.46	0.50	0.54
Singapore	2.79	3.03	3.18	3.29	3.14	1.75	1.88	1.95	1.99	1.80
South Africa	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Sweden	1.41	1.55	1.56	1.64	2.03	0.89	0.95	0.99	1.02	1.05
Switzerland	1.30	1.38	1.48	1.57	1.62	0.84	0.87	0.91	0.99	1.01
Turkey	nav	nav	1.32	1.45	1.50	nav	nav	0.79	0.85	0.89
United Kingdom	2.35	2.36	2.32	2.36	2.27	1.11	1.13	1.17	1.24	1.28
United States	5.20	5.30	5.30	5.12	4.51	0.91	0.91	0.91	0.91	0.91
<b>CPSS<sup>3</sup></b>	<b>1.43</b>	<b>1.27</b>	<b>1.39</b>	<b>1.48</b>	<b>1.38</b>	<b>0.59</b>	<b>0.70</b>	<b>0.80</b>	<b>0.88</b>	<b>0.96</b>

Table 10b (cont)

	<i>cards with a delayed debit function</i>					<i>cards with a credit function</i>				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
Australia	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	0.82	0.85	0.89	0.90	0.92
Belgium	0.31	0.32	0.35	0.37	0.39	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Brazil	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	0.37	0.46	0.63	0.73	0.80
Canada	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	1.87	1.90	2.08	2.19	2.19
China	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nav</i>	0.04	0.07	0.11	0.14
France	0.17	0.40	0.43	0.43	0.48	0.50	0.46	0.51	0.53	0.54
Germany <sup>2</sup>	0.22	0.22	0.22	0.22	0.24	<i>nav</i>	<i>nav</i>	0.05	0.05	0.05
Hong Kong SAR	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	2.01	2.06
India	<i>nap</i>	<i>nap</i>	<i>nap</i>	0.00	0.00	0.02	0.02	0.02	0.02	0.02
Italy	<i>nap</i>	<i>nap</i>	<i>nap</i>	0.00	0.00	0.50	0.54	0.59	0.61	0.56
Japan	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	2.26	2.29	2.42	2.49	<i>nav</i>
Korea	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	1.80	1.91	1.83	1.98	2.19
Mexico	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	0.14	0.20	0.24	0.24	0.21
Netherlands	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>
Russia	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	0.02	0.04	0.06	0.07	0.06
Saudi Arabia	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	0.05	0.06	0.07	0.08	0.08
Singapore	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	1.04	1.16	1.23	1.30	1.34
South Africa	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>
Sweden	0.09	0.09	0.11	0.11	0.08	0.43	0.50	0.47	0.50	0.91
Switzerland	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	0.46	0.51	0.57	0.58	0.60
Turkey	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	<i>nap</i>	0.53	0.61	0.61
United Kingdom	0.08	0.08	0.04	0.04	0.04	1.16	1.15	1.10	1.08	0.95
United States	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	<i>nav</i>	4.29	4.39	4.39	4.21	3.61
<b>CPSS<sup>3</sup></b>	<b>0.17</b>	<b>0.23</b>	<b>0.23</b>	<b>0.04</b>	<b>0.04</b>	<b>0.87</b>	<b>0.59</b>	<b>0.59</b>	<b>0.60</b>	<b>0.50</b>

Please refer to the individual country tables and the footnotes to Comparative Table 9 for a detailed explanation.

<sup>1</sup> Except as noted. <sup>2</sup> Different methodology and data collection method since reporting year 2007. <sup>3</sup> Sum or average excluding those countries for which data are not available.

**Table 11**  
**Terminals located in the country: number of terminals**  
*(thousands, end of year)*<sup>1</sup>

	ATMs					POS terminals				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
Australia	24.0	25.8	26.1	27.1	27.1	533.4	570.4	628.8	669.6	697.8
Belgium	13.5	14.7	15.4	15.5	15.3	101.1	115.2	121.9	124.9	135.1
Brazil	146.8	147.5	153.2	158.4	165.6	1,676.8	2,491.7	3,269.4	4,233.0	4,712.6
Canada	52.7	55.6	57.8	60.2	60.6	571.4	591.9	603.2	630.5	708.7
China	nav	101.0	128.0	167.0	215.0	nav	818.0	1,181.0	1,845.0	2,273.0
France	47.8	47.8	52.2	53.3	54.9	1,095.0	1,142.0	1,242.6	1,376.6	1,391.7
Germany <sup>2</sup>	53.4	53.9	77.6	79.6	82.7	569.5	578.4	566.0	593.0	645.4
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	20.0	30.0	30.0	40.0	60.0	280.0	320.0	420.0	450.0	490.0
Italy	40.6	43.7	48.1	54.7	54.1	1,045.0	1,167.8	1,219.4	1,334.5	1,269.4
Japan	136.3	138.3	138.4	139.2	138.6	1,375.3	1,549.9	1,682.6	1,706.1	1,723.4
Korea	83.0	86.3	93.7	98.2	101.5	nav	nav	nav	nav	nav
Mexico	22.9	25.7	29.3	31.9	33.9	201.9	305.1	418.1	446.0	446.8
Netherlands	7.4	8.1	8.5	8.7	8.5	252.2	265.8	306.3	316.2	340.2
Russia	27.8	39.5	54.8	79.4	92.5	140.1	171.5	239.4	333.2	354.4
Saudi Arabia	4.6	6.1	7.5	8.9	10.0	44.3	57.2	61.6	72.4	82.6
Singapore	1.7	1.8	1.9	2.0	2.2	59.7	69.4	71.3	83.9	81.5
South Africa	nav	nav	nav	nav	21.0	nav	nav	nav	nav	236.6
Sweden	2.8	2.8	2.8	2.8	3.3	176.6	184.6	187.3	196.0	217.8
Switzerland	5.6	5.7	5.9	6.1	6.2	110.2	116.6	126.8	140.3	143.4
Turkey	14.8	16.5	18.8	22.0	24.0	1,141.0	1,282.7	1,453.9	1,632.6	1,738.7
United Kingdom	58.3	60.5	63.4	63.9	62.2	974.1	1,053.2	1,050.7	1,095.0	1,179.2
United States <sup>3</sup>	396.0	395.0	409.2	406.1	425.0	5,032.0	5,183.0	5,146.5	5,175.0	nav
<b>CPSS<sup>4</sup></b>	<b>1,135.9</b>	<b>1,280.5</b>	<b>1,396.6</b>	<b>1,497.8</b>	<b>1,637.1</b>	<b>14,846</b>	<b>17,464</b>	<b>19,368</b>	<b>21,784</b>	<b>18,170</b>

**Table 11 (cont)**

	E-money card loading/unloading terminals					E-money card payment terminals				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
Australia	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Belgium	181.5	129.5	125.5	125.4	nav	94.0	88.9	80.1	77.1	nav
Brazil	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Canada	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
China	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
France	21.6	44.2	122.2	106.0	101.2	62.0	82.0	147.6	132.8	127.8
Germany <sup>2</sup>	30.0	32.9	35.8	38.8	38.8	172.1	224.6	334.3	316.7	302.1
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Italy	12.0	12.1	12.4	17.0	nav	184.4	186.3	224.3	230.3	nav
Japan	nav	nav	nav	nav	nav	nav	nav	358.0	479.8	664.7
Korea	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Mexico	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Netherlands	4.1	4.2	4.2	4.2	4.1	154.8	156.7	202.3	208.5	192.3
Russia	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Saudi Arabia	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Singapore	nav	nav	nav	nav	nav	76.1	78.0	79.7	94.6	104.2
South Africa	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Sweden	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Switzerland	5.6	5.7	5.9	6.1	6.2	18.4	18.3	12.9	13.1	13.4
Turkey	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
United Kingdom	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
United States	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
<b>CPSS<sup>4</sup></b>	<b>254.7</b>	<b>228.7</b>	<b>306.0</b>	<b>297.5</b>	<b>150.4</b>	<b>761.8</b>	<b>834.8</b>	<b>1,439.1</b>	<b>1,552.8</b>	<b>1,404.5</b>

Please refer to the individual country tables for a detailed explanation.

<sup>1</sup> Except as noted. <sup>2</sup> Different methodology and data collection method since reporting year 2007. <sup>3</sup> For POS terminals, PIN-based debit terminals only. <sup>4</sup> Sum or average excluding those countries for which data are not available.

**Table 11a****Terminals located in the country: increase in the number of terminals**

(% change on previous year)

	ATMs					POS terminals				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
Australia	6.6	7.5	1.2	3.9	-0.1	6.0	6.9	10.2	6.5	4.2
Belgium	2.5	8.6	5.0	0.2	-1.3	-6.6	14.0	5.8	2.5	8.1
Brazil	5.2	0.5	3.8	3.4	4.5	nav	48.6	31.2	29.5	11.3
Canada	8.6	5.5	4.0	4.1	0.7	4.6	3.6	1.9	4.5	12.4
China	nav	nav	26.7	30.5	28.7	nav	nav	44.4	56.2	23.2
France	9.4	0.0	9.1	2.2	3.0	3.3	4.3	8.8	10.8	1.1
Germany <sup>1</sup>	1.5	1.0	44.0	2.5	3.9	9.5	1.6	-2.1	4.8	8.8
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	0.0	50.0	0.0	33.3	50.0	nav	14.3	31.3	7.1	8.9
Italy	2.2	7.7	10.1	13.8	-1.2	3.7	11.7	4.4	9.4	-4.9
Japan	-0.2	1.5	0.1	0.6	-0.4	10.7	12.7	8.6	1.4	1.0
Korea	2.6	4.1	8.6	4.7	3.4	nav	nav	nav	nav	nav
Mexico	nav	12.2	14.2	8.9	6.2	nav	51.2	37.0	6.7	0.2
Netherlands	-5.6	9.0	5.3	1.3	-1.7	29.4	5.4	15.2	3.2	7.6
Russia	nav	42.1	38.8	44.8	16.6	nav	22.4	39.6	39.2	6.3
Saudi Arabia	11.9	32.3	24.1	17.9	11.9	24.6	29.2	7.7	17.5	14.2
Singapore	5.5	5.4	6.5	4.9	7.6	122.9	16.1	2.8	17.7	-2.9
South Africa	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Sweden	3.7	0.2	0.1	0.1	18.0	9.6	4.5	1.5	4.6	11.1
Switzerland	3.0	3.3	3.4	2.6	2.4	25.2	5.8	8.8	10.7	2.2
Turkey	nav	11.4	13.9	16.9	9.1	nav	12.4	13.3	12.3	6.5
United Kingdom	7.1	3.7	4.9	0.8	-2.7	5.9	8.1	-0.2	4.2	7.7
United States	3.4	-0.3	3.6	-0.7	4.6	2.7	3.0	-0.7	0.6	nav
<b>CPSS<sup>2</sup></b>	<b>3.6</b>	<b>3.9</b>	<b>8.9</b>	<b>7.2</b>	<b>7.8</b>	<b>5.5</b>	<b>11.9</b>	<b>10.9</b>	<b>12.3</b>	<b>7.8</b>

**Table 11a (cont)**

	E-money card loading/unloading terminals					E-money card payment terminals				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
Australia	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Belgium	-15.0	-28.6	-3.1	0.0	nav	-18.1	-5.4	-9.9	-3.8	nav
Brazil	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Canada	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
China	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
France	-5.9	104.3	176.5	-13.3	-4.5	-20.3	32.2	80.0	-10.0	-3.7
Germany <sup>1</sup>	0.0	9.8	8.7	8.3	0.2	20.9	30.5	48.8	-5.3	-4.6
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Italy	0.7	1.2	1.9	37.5	nav	28.6	1.0	20.4	2.7	nav
Japan	nav	nav	nav	nav	nav	nav	nav	nav	34.0	38.5
Korea	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Mexico	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Netherlands	-24.9	2.5	0.9	-0.1	-1.3	-19.5	1.2	29.1	3.0	-7.7
Russia	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Saudi Arabia	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Singapore	nav	nav	nav	nav	nav	80.3	2.5	2.1	18.7	10.1
South Africa	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Sweden	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Switzerland	3.0	3.3	3.4	2.6	2.4	-47.9	-0.5	-29.5	2.1	2.2
Turkey	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
United Kingdom	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
United States	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
<b>CPSS<sup>2</sup></b>	<b>-11.9</b>	<b>-10.2</b>	<b>33.8</b>	<b>-2.8</b>	<b>-3.0</b>	<b>1.8</b>	<b>9.6</b>	<b>29.5</b>	<b>7.9</b>	<b>12.8</b>

Please refer to the individual country tables for a detailed explanation.

<sup>1</sup> Different methodology and data collection method since reporting year 2007. <sup>2</sup> Sum or average excluding those countries for which data are not available.

**Table 11b****Terminals located in the country: number of terminals per million inhabitants***(end of year)*<sup>1</sup>

	ATMs					POS terminals				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
Australia	1,172	1,241	1,234	1,256	1,229	26,101	27,489	29,769	31,056	31,691
Belgium	1,293	1,395	1,448	1,438	1,409	9,652	10,930	11,425	11,611	12,461
Brazil	800	795	816	835	865	9,144	13,427	17,424	22,325	24,611
Canada	1,635	1,708	1,757	1,809	1,800	17,741	18,195	18,345	18,956	21,049
China	nav	77	97	126	161	nav	624	896	1,393	1,707
France	762	757	820	831	852	17,456	18,074	19,537	21,462	21,578
Germany <sup>2</sup>	647	654	943	969	1,010	6,906	7,023	6,881	7,221	7,883
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	18	27	26	35	51	253	285	369	390	419
Italy	698	748	817	922	905	17,976	19,984	20,710	22,490	21,244
Japan	1,067	1,082	1,083	1,090	1,087	10,764	12,130	13,169	13,361	13,515
Korea	1,724	1,788	1,934	2,020	2,083	nav	nav	nav	nav	nav
Mexico	222	246	278	301	317	1,955	2,923	3,969	4,198	4,171
Netherlands	456	497	521	525	513	15,458	16,265	18,669	19,179	20,522
Russia	194	277	386	559	652	979	1,203	1,685	2,348	2,497
Saudi Arabia	199	257	311	358	392	1,914	2,415	2,539	2,917	3,256
Singapore	398	406	415	413	431	14,002	15,760	15,531	17,337	16,335
South Africa	nav	nav	nav	nav	424	nav	nav	nav	nav	4,768
Sweden	310	309	307	304	355	19,561	20,327	20,473	21,178	23,312
Switzerland	740	759	778	789	798	14,694	15,427	16,646	18,201	18,382
Turkey	nav	nav	266	307	330	nav	nav	20,597	22,829	23,962
United Kingdom	968	998	1,040	1,041	1,006	16,171	17,384	17,229	17,834	19,083
United States	1,334	1,318	1,355	1,336	1,383	16,946	17,288	17,039	17,020	nav
<b>CPSS<sup>3</sup></b>	<b>474</b>	<b>343</b>	<b>364</b>	<b>388</b>	<b>415</b>	<b>6,322</b>	<b>4,742</b>	<b>5,119</b>	<b>5,710</b>	<b>5,061</b>

**Table 11b (cont)**

	E-money card loading/unloading terminals					E-money card payment terminals				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
Australia	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Belgium	17,330	12,287	11,762	11,661	nav	8,973	8,433	7,513	7,168	nav
Brazil	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Canada	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
China	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
France	345	699	1,921	1,653	1,569	989	1,298	2,320	2,070	1,982
Germany <sup>2</sup>	364	400	435	472	474	2,087	2,727	4,063	3,856	3,689
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Italy	206	207	210	286	nav	3,172	3,188	3,809	3,881	nav
Japan	nav	nav	nav	nav	nav	nav	nav	2,802	3,757	5,213
Korea	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Mexico	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Netherlands	248	254	256	254	249	9,488	9,588	12,334	12,645	11,603
Russia	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Saudi Arabia	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Singapore	nav	nav	nav	nav	nav	17,848	17,725	17,362	19,546	20,884
South Africa	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Sweden	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Switzerland	740	759	778	789	798	2,447	2,418	1,690	1,704	1,721
Turkey	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
United Kingdom	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
United States	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
<b>CPSS<sup>3</sup></b>	<b>1,072</b>	<b>959</b>	<b>1,278</b>	<b>1,237</b>	<b>881</b>	<b>3,149</b>	<b>3,438</b>	<b>3,871</b>	<b>4,162</b>	<b>4,632</b>

Please refer to the individual country tables for a detailed explanation.

<sup>1</sup> Except as noted. <sup>2</sup> Different methodology and data collection method since reporting year 2007. <sup>3</sup> Sum or average excluding those countries for which data are not available.

**Table 12****Transactions at terminals: number of cash withdrawals and loading transactions**(millions, total for the year)<sup>1</sup>

	Cash withdrawals at ATMs located in the country									
	with cards issued outside the country					with cards issued in the country				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
Australia	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Belgium	6.80	7.42	8.58	9.29	8.91	250.50	263.76	309.03	348.27	375.70
Brazil	nav	nav	nav	nav	nav	2,145.92	2,116.49	2,405.57	2,603.33	2,747.64
Canada	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
China	nav	nav	nav	nav	nav	nav	3,200.71	4,072.03	5,174.55	6,357.79
France	26.68	28.38	30.26	30.57	32.85	1,431.95	1,458.69	1,531.21	1,593.81	1,614.47
Germany <sup>2</sup>	nav	nav	nav	nav	nav	2,445.07	2,447.29	1,939.71	1,998.66	2,029.70
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	7.54	3.53	7.22	4.40	6.10	871.30	1,261.40	1,772.40	2,348.60	2,348.60
Italy	nav	nav	nav	nav	1.14	456.41	470.29	489.46	541.66	539.19
Japan	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Korea	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Mexico	13.60	15.21	16.52	17.70	16.67	1,069.40	1,110.03	1,204.45	1,278.07	1,287.64
Netherlands	13.74	14.30	18.40	29.01	49.98	468.66	480.16	474.91	478.39	454.97
Russia	7.34	10.80	12.56	15.12	12.12	658.37	910.41	1,211.35	1,508.72	1,698.01
Saudi Arabia	nav	nav	nav	nav	nav	327.77	378.15	644.79	854.88	925.65
Singapore	nav	nav	nav	nav	nav	6.36	5.12	6.77	7.30	204.80
South Africa	nav	nav	nav	nav	nav	nav	nav	nav	nav	875.89
Sweden	6.00	6.00	5.00	4.00	nav	310.00	300.00	298.00	297.00	nav
Switzerland	5.60	6.00	6.58	7.14	6.68	103.60	105.40	107.43	111.57	113.66
Turkey	8.76	7.88	8.27	9.12	9.77	539.96	575.35	617.38	670.43	739.25
United Kingdom	nav	nav	nav	nav	nav	2,699.00	2,752.00	2,834.00	2,876.00	2,916.00
United States	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
<b>CPSS<sup>3</sup></b>	<b>nav</b>	<b>nav</b>	<b>nav</b>	<b>nav</b>	<b>nav</b>	<b>13,784.26</b>	<b>17,835.25</b>	<b>19,918.49</b>	<b>22,691.24</b>	<b>25,228.97</b>

**Table 12 (cont)**

	Cash withdrawals at ATMs located outside the country					E-money loading/unloading transactions at terminals in the country				
	with cards issued in the country									
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
Australia	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Belgium	9.60	10.87	11.91	13.20	14.16	16.82	15.74	14.27	12.64	11.07
Brazil	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Canada	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
China	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
France	30.58	33.50	39.11	39.94	41.78	2.10	2.05	2.88	3.69	4.47
Germany <sup>2</sup>	nav	nav	39.00	39.26	39.62	4.47	5.02	8.66	7.94	7.59
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	1.04	1.76	2.33	2.90	3.40	nav	nav	nav	nav	nav
Italy	nav	nav	nav	nav	5.49	19.28	27.39	29.71	41.11	nav
Japan	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Korea	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Mexico	3.52	4.93	5.32	5.36	4.39	nav	nav	nav	nav	nav
Netherlands	29.11	31.04	34.74	40.21	40.57	21.23	23.31	25.08	25.66	27.14
Russia	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Saudi Arabia	1.76	1.92	4.38	5.13	5.40	nav	nav	nav	nav	nav
Singapore	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
South Africa	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Sweden	8.00	7.00	8.00	8.00	nav	nav	nav	nav	nav	nav
Switzerland	9.30	9.90	10.66	11.46	12.40	1.00	1.00	1.05	1.02	0.97
Turkey	1,295	2,222	1,917	2,046	2,152	nav	nav	nav	nav	nav
United Kingdom	4.00	3.00	3.00	3.00	3.00	nav	nav	nav	nav	nav
United States	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
<b>CPSS<sup>3</sup></b>	<b>1,391.9</b>	<b>2,325.9</b>	<b>2,075.4</b>	<b>2,214.5</b>	<b>2,322.2</b>	<b>64.90</b>	<b>74.52</b>	<b>81.65</b>	<b>92.06</b>	<b>51.25</b>

Please refer to the individual country tables for a detailed explanation.

<sup>1</sup> Except as noted. <sup>2</sup> Different methodology and data collection method since reporting year 2007. <sup>3</sup> Sum or average excluding those countries for which data are not available. Excludes data for the United States, for which only 2003 data are available.

Table 12a

## Transactions at terminals: increase in the number of cash withdrawals and loading transactions

(% change on previous year)

	Cash withdrawals at ATMs located in the country									
	with cards issued outside the country					with cards issued in the country				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
Australia	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Belgium	0.3	9.1	15.6	8.3	-4.1	2.5	5.3	17.2	12.7	7.9
Brazil	nav	nav	nav	nav	nav	9.4	-1.4	13.7	8.2	5.5
Canada	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
China	nav	nav	nav	nav	nav	nav	nav	27.2	27.1	22.9
France	nav	6.4	6.6	1.0	7.5	13.6	1.9	5.0	4.1	1.3
Germany <sup>1</sup>	nav	nav	nav	nav	nav	1.9	0.1	-20.7	3.0	1.6
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	402.7	-53.2	104.5	-39.1	38.6	nav	44.8	40.5	32.5	0.0
Italy	nav	nav	nav	nav	nav	0.6	3.0	4.1	10.7	-0.5
Japan	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Korea	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Mexico	nav	11.9	8.6	7.1	-5.9	nav	3.8	8.5	6.1	0.7
Netherlands	nav	4.1	28.7	57.7	72.3	-3.2	2.5	-1.1	0.7	-4.9
Russia	nav	47.0	16.4	20.3	-19.8	nav	38.3	33.1	24.5	12.5
Saudi Arabia	nav	nav	nav	nav	nav	37.0	15.4	70.5	32.6	8.3
Singapore	nav	nav	nav	nav	nav	-2.6	-19.5	32.2	7.9	2,705.1
South Africa	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Sweden	0.0	0.0	-16.7	-20.0	nav	-1.6	-3.2	-0.7	-0.3	nav
Switzerland	0.0	7.1	9.7	8.5	-6.4	-6.3	1.7	1.9	3.9	1.9
Turkey	nav	-10.0	4.9	10.3	7.1	nav	6.6	7.3	8.6	10.3
United Kingdom	nav	nav	nav	nav	nav	6.8	2.0	3.0	1.5	1.4
United States	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
<b>CPSS<sup>2</sup></b>	<b>nap</b>	<b>nap</b>	<b>nap</b>	<b>nap</b>	<b>nap</b>	<b>6.4</b>	<b>6.2</b>	<b>11.7</b>	<b>13.9</b>	<b>8.7</b>

Table 12a (cont)

	Cash withdrawals at ATMs located outside the country					E-money loading/unloading transactions at terminals in the country				
	with cards issued in the country									
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
Australia	nav	nav	nav	nav	nav	nap	nap	nap	nap	nap
Belgium	10.5	13.2	9.6	10.8	7.3	-1.0	-6.4	-9.3	-11.4	-12.4
Brazil	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Canada	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
China	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
France	nav	9.5	16.7	2.1	4.6	4.8	-2.1	40.2	28.1	21.3
Germany <sup>1</sup>	nav	nav	nav	0.7	0.9	7.1	12.4	72.5	-8.3	-4.4
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	940.0	69.2	32.4	24.5	17.2	nav	nav	nav	nav	nav
Italy	nav	nav	nav	nav	nav	114.7	42.1	8.5	38.4	nav
Japan	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Korea	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Mexico	nav	39.9	7.9	0.8	-18.1	nav	nav	nav	nav	nav
Netherlands	78.6	6.6	11.9	15.7	0.9	18.1	9.8	7.6	2.3	5.8
Russia	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Saudi Arabia	45.8	8.6	128.8	17.0	5.3	nav	nav	nav	nav	nav
Singapore	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
South Africa	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Sweden	33.3	-12.5	14.3	0.0	nav	nav	nav	nav	nav	nav
Switzerland	8.1	6.5	7.7	7.5	8.2	nav	0.0	5.0	-2.9	-4.9
Turkey	nav	71.6	-13.7	6.7	5.2	nav	nav	nav	nav	nav
United Kingdom	0.0	-25.0	0.0	0.0	0.0	nav	nav	nav	nav	nav
United States	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
<b>CPSS</b>	<b>39.9</b>	<b>67.1</b>	<b>-12.4</b>	<b>6.7</b>	<b>5.00</b>	<b>27.5</b>	<b>14.8</b>	<b>9.6</b>	<b>12.7</b>	<b>0.6</b>

Please refer to the individual country tables for a detailed explanation.

<sup>1</sup> Different methodology and data collection method since reporting year 2007. <sup>2</sup> Sum or average excluding those countries for which data are not available.

**Table 13**  
**Transactions at terminals: value of cash withdrawals and loading transactions**  
*(USD billions, total for the year)<sup>1</sup>*

	Cash withdrawals at ATMs located in the country									
	with cards issued outside the country					with cards issued in the country				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
Australia	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Belgium	1.34	1.43	1.73	1.94	1.75	34.26	37.10	46.60	56.76	60.43
Brazil	nav	nav	nav	nav	nav	158.43	177.89	255.66	307.50	319.76
Canada	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
China	nav	nav	nav	nav	nav	nav	310.08	510.86	770.05	984.42
France	5.34	6.04	7.37	7.89	7.36	121.95	125.80	146.12	168.02	168.11
Germany <sup>2</sup>	nav	nav	nav	nav	nav	474.05	478.38	409.32	461.39	443.01
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	0.51	0.52	0.75	0.88	0.95	43.11	64.62	105.35	141.10	174.49
Italy	nav	nav	nav	nav	0.34	98.21	104.53	124.64	143.25	127.78
Japan <sup>3</sup>	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Korea	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Mexico	2.22	2.59	2.78	3.17	2.93	110.96	127.21	142.59	153.86	133.32
Netherlands	1.96	2.12	2.86	4.99	7.63	68.06	69.88	76.47	81.23	74.88
Russia	1.33	2.08	2.73	3.21	2.25	70.99	118.98	192.47	280.35	243.92
Saudi Arabia	0.19	0.26	0.33	0.42	0.47	65.57	74.43	82.33	101.07	109.68
Singapore	nav	nav	nav	nav	nav	0.64	0.75	0.86	1.07	34.05
South Africa	nav	nav	nav	nav	nav	nav	nav	nav	nav	60.69
Sweden	1.07	0.95	0.74	0.46	nav	36.11	34.15	36.84	37.34	nav
Switzerland	1.04	1.20	1.36	1.62	1.45	18.93	18.90	19.67	22.42	22.79
Turkey	1.63	1.59	1.89	2.27	2.18	71.19	81.47	107.47	130.28	128.72
United Kingdom	nav	nav	nav	nav	nav	312.56	330.80	372.57	352.60	300.95
United States	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
<b>CPSS<sup>4</sup></b>	<b>nav</b>	<b>nav</b>	<b>nav</b>	<b>nav</b>	<b>nav</b>	<b>1,685.01</b>	<b>2,154.97</b>	<b>2,629.81</b>	<b>3,208.28</b>	<b>3,387.00</b>

**Table 13 (cont)**

	Cash withdrawals at ATMs located outside the country					E-money loading/unloading transactions at terminals in the country				
	with cards issued in the country									
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
Australia	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Belgium	1.62	1.87	2.24	2.62	2.67	0.62	0.57	0.56	0.53	0.45
Brazil	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Canada	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
China	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
France	4.36	4.91	6.37	6.86	6.84	0.07	0.06	0.09	0.11	0.12
Germany <sup>2</sup>	nav	nav	10.72	11.69	11.65	0.14	0.16	0.27	0.27	0.28
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	0.26	0.50	0.82	0.97	0.94	nav	nav	nav	nav	nav
Italy	nav	nav	nav	nav	0.54	4.32	6.60	6.29	8.41	nav
Japan	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Korea	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Mexico	0.57	0.85	0.96	0.98	0.78	nav	nav	nav	nav	nav
Netherlands	5.84	6.06	8.48	10.07	8.70	0.54	0.59	0.69	0.74	0.72
Russia	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Saudi Arabia	0.36	0.37	0.39	0.43	0.49	nav	nav	nav	nav	nav
Singapore	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
South Africa	nav	nav	nav	nav	nav	0.00	0.00	0.00	0.00	0.00
Sweden	0.94	1.08	1.33	1.37	nav	nav	nav	nav	nav	nav
Switzerland	2.41	2.55	2.99	3.40	3.48	0.06	0.06	0.07	0.07	0.07
Turkey	0.17	0.25	0.28	0.33	0.33	nav	nav	nav	nav	nav
United Kingdom	0.62	0.50	0.41	0.48	0.39	nav	nav	nav	nav	nav
United States	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
<b>CPSS</b>	<b>nav</b>	<b>nav</b>	<b>nav</b>	<b>nav</b>	<b>nav</b>	<b>nav</b>	<b>nav</b>	<b>nav</b>	<b>nav</b>	<b>nav</b>

Please refer to the individual country tables for a detailed explanation.

<sup>1</sup> Except as noted. <sup>2</sup> Different methodology and data collection method since reporting year 2007. <sup>3</sup> For cash withdrawals at ATMs located in the country with cards issued in the country, total for the fiscal year ending March of the following year, converted at average exchange rates for the fiscal year ending March. <sup>4</sup> Sum or average excluding those countries for which data are not available. Excludes data for the United States, for which only 2003 data are available.



**Table 13a****Transactions at terminals: increase in the real value of cash withdrawals and loading transactions**(% change on previous year, adjusted by CPI inflation)<sup>1</sup>

	Cash withdrawals at ATMs located in the country									
	with cards issued outside the country					with cards issued in the country				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
Australia	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Belgium	11.4	3.1	9.5	0.1	-5.2	-2.2	4.8	13.1	9.0	12.0
Brazil	nav	nav	nav	nav	nav	11.7	-2.6	23.1	7.1	8.2
Canada	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
China	nav	nav	nav	nav	nav	nav	nav	48.0	32.2	28.5
France	nav	9.8	10.2	-3.0	-2.0	13.1	0.2	4.8	4.3	5.1
Germany <sup>2</sup>	nav	nav	nav	nav	nav	10.1	-1.8	-23.3	2.6	0.8
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	26.6	1.3	25.6	13.4	8.2	199.2	47.0	41.7	30.0	24.4
Italy	nav	nav	nav	nav	nav	0.5	3.1	7.1	3.9	-6.9
Japan	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Korea	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Mexico	nav	12.8	3.3	10.8	6.4	nav	10.7	8.1	4.6	-0.2
Netherlands	nav	5.3	21.9	59.7	59.1	5.8	0.0	-1.3	-2.8	-4.0
Russia	nav	37.5	10.6	0.7	-17.8	nav	47.8	36.0	24.7	2.1
Saudi Arabia	32.8	36.4	18.3	18.6	5.5	21.8	11.0	6.2	11.7	3.3
Singapore	nav	nav	nav	nav	nav	-2.0	11.5	5.7	9.5	3,164.8
South Africa	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Sweden	-0.8	-13.8	-29.7	-41.9	nav	-2.6	-8.0	-2.8	-4.4	nav
Switzerland	-8.2	14.2	7.9	4.8	-9.9	-12.6	-0.6	-1.1	0.4	2.3
Turkey	nav	-4.7	-0.2	8.0	8.1	nav	11.4	10.7	9.4	11.0
United Kingdom	nav	nav	nav	nav	nav	4.5	2.1	1.2	-0.4	-1.8
United States	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
<b>CPSS<sup>3</sup></b>	<b>nap</b>	<b>nap</b>	<b>nap</b>	<b>nap</b>	<b>nap</b>	<b>11.3</b>	<b>6.8</b>	<b>18.6</b>	<b>17.0</b>	<b>3.9</b>

**Table 13a (cont)**

	Cash withdrawals at ATMs located outside the country					E-money loading/unloading transactions at terminals in the country				
	with cards issued in the country									
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
Australia	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Belgium	10.1	11.7	8.0	4.6	7.2	-9.2	-10.5	-12.7	-14.4	-11.3
Brazil	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Canada	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
China	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
France	nav	9.4	17.0	-2.3	4.7	nav	-9.4	26.0	17.5	16.6
Germany <sup>2</sup>	nav	nav	nav	-0.8	4.6	4.6	13.0	48.9	-9.1	9.5
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	191.9	88.8	42.9	15.0	-2.6	nav	nav	nav	nav	nav
Italy	nav	nav	nav	nav	nav	64.3	48.0	-14.3	20.8	nav
Japan	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Korea	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Mexico	nav	43.3	8.8	-0.5	-8.6	nav	nav	nav	nav	nav
Netherlands	nav	1.2	26.2	8.6	-9.9	14.4	7.5	5.4	-2.5	1.6
Russia	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Saudi Arabia	43.4	-0.3	1.8	-0.7	9.2	nav	nav	nav	nav	nav
Singapore	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
South Africa	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Sweden	-0.8	12.6	10.6	-3.2	nav	nav	nav	nav	nav	nav
Switzerland	14.0	5.5	11.4	0.1	3.2	nav	-1.0	-0.7	-2.4	0.5
Turkey	nav	44.9	-8.8	9.7	9.1	nav	nav	nav	nav	nav
United Kingdom	4.7	-22.2	-25.9	22.2	-7.0	nav	nav	nav	nav	nav
United States	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
<b>CPSS</b>	<b>14.9</b>	<b>10.5</b>	<b>28.1</b>	<b>12.0</b>	<b>-4.12</b>	<b>48.2</b>	<b>40.1</b>	<b>-1.1</b>	<b>27.3</b>	<b>-4.5</b>

Please refer to the individual country tables for a detailed explanation.

<sup>1</sup> Value of cash withdrawals and loading transactions in domestic currency deflated by yearly average CPI inflation. For the CPSS area, in US dollar terms. <sup>2</sup> Different methodology and data collection method since reporting year 2007. <sup>3</sup> Sum or average excluding those countries for which data are not available.

**Table 14**  
**Transactions at terminals: number of payment transactions**  
*(millions, total for the year)*

	POS transactions at terminals located in the country									
	with cards issued outside the country					with cards issued in the country				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
Australia	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Belgium	26.65	28.40	30.33	32.68	31.40	693.93	747.38	803.32	865.40	924.09
Brazil	nav	nav	nav	nav	nav	2,641.90	3,241.67	3,860.53	4,617.06	5,086.32
Canada	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
China	nav	nav	nav	nav	nav	nav	1,062.38	1,741.13	2,645.33	3,491.24
France	145.46	184.66	191.13	179.55	175.20	5,114.36	5,466.33	5,978.70	6,358.54	6,712.64
Germany <sup>1</sup>	nav	nav	nav	nav	nav	2,409.87	2,477.90	2,006.12	2,163.17	2,274.18
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	12.31	11.56	12.28	13.70	15.80	171.70	218.20	304.20	373.50	388.50
Italy	nav	nav	nav	nav	70.32	732.80	770.65	825.35	873.30	1,444.37
Japan	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Korea	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Mexico	27.19	35.04	26.59	28.05	23.82	412.10	584.24	724.27	813.67	853.87
Netherlands	15.27	20.09	29.40	33.93	39.04	1,521.63	1,660.93	1,814.48	1,992.16	1,980.00
Russia	5.26	6.98	7.88	10.27	10.07	106.63	127.07	189.86	249.96	329.66
Saudi Arabia	nav	nav	nav	nav	nav	66.13	83.13	99.44	120.68	124.83
Singapore	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
South Africa	nav	nav	nav	nav	nav	nav	nav	nav	nav	847.61
Sweden	26.00	26.00	34.00	44.00	nav	752.00	952.00	1,118.00	1,302.00	nav
Switzerland	25.30	27.90	32.71	41.32	42.53	336.00	354.00	382.80	423.44	453.75
Turkey	8.36	8.54	9.64	10.81	11.73	1,267.00	1,315.00	1,432.00	1,697.00	1,894.00
United Kingdom	327.00	162.00	269.00	332.00	155.00	6,008.00	6,441.00	6,894.00	7,369.00	7,886.00
United States	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
<b>CPSS<sup>2</sup></b>	<b>618.8</b>	<b>511.2</b>	<b>643.0</b>	<b>726.3</b>	<b>574.90</b>	<b>22,234.05</b>	<b>25,501.88</b>	<b>28,174.19</b>	<b>31,864.21</b>	<b>34,691.05</b>

**Table 14 (cont)**

	POS transactions at terminals located outside the country					E-money payment transactions at terminals in the country				
	with cards issued in the country									
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
Australia	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Belgium	44.60	50.00	58.17	68.68	73.31	102.02	96.02	89.82	81.17	70.49
Brazil	17.38	23.53	31.08	40.99	39.91	nav	nav	nav	nav	nav
Canada	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
China	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
France	129.46	149.03	165.96	183.96	210.61	nav	nav	nav	nav	nav
Germany <sup>1</sup>	nav	nav	165.85	173.48	191.73	nav	nav	52.35	47.61	42.99
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	5.44	7.50	12.20	11.90	13.60	nav	nav	nav	nav	nav
Italy	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Japan	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Korea	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Mexico	25.78	31.65	37.91	39.81	35.17	nav	nav	nav	nav	nav
Netherlands	55.80	67.11	73.45	81.82	87.71	nav	nav	nav	nav	nav
Russia	7.60	11.40	17.86	27.93	33.51	nav	nav	nav	nav	nav
Saudi Arabia	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Singapore	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
South Africa	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Sweden	23.00	22.00	32.00	43.00	nav	nav	nav	nav	nav	nav
Switzerland	48.10	51.59	56.03	60.40	67.24	19.20	18.80	17.69	17.25	15.78
Turkey	7.58	9.50	12.24	15.85	16.97	nav	nav	nav	nav	nav
United Kingdom	275.00	284.00	306.00	314.00	303.00	nav	nav	nav	nav	nav
United States	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
<b>CPSS<sup>2</sup></b>	<b>639.8</b>	<b>707.3</b>	<b>968.7</b>	<b>1,061.8</b>	<b>1,072.76</b>	<b>121.22</b>	<b>114.82</b>	<b>159.86</b>	<b>146.03</b>	<b>129.26</b>

Please refer to the individual country tables for a detailed explanation.

<sup>1</sup> Different methodology and data collection method since reporting year 2007. <sup>2</sup> Sum or average excluding those countries for which data are not available.

**Table 14a****Transactions at terminals: increase in the number of payment transactions**

(% change on previous year)

	POS transactions at terminals located in the country									
	with cards issued outside the country					with cards issued in the country				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
Australia	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Belgium	4.9	6.6	6.8	7.7	-3.9	9.8	7.7	7.5	7.7	6.8
Brazil	nav	nav	nav	nav	nav	22.0	22.7	19.1	19.6	10.2
Canada	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
China	nav	nav	nav	nav	nav	nav	nav	63.9	51.9	32.0
France	nav	26.9	3.5	-6.1	-2.4	10.0	6.9	9.4	6.4	5.6
Germany <sup>1</sup>	nav	nav	nav	nav	nav	5.9	2.8	-19.0	7.8	5.1
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	193.1	-6.1	6.2	11.6	15.3	nav	27.1	39.4	22.8	4.0
Italy	nav	nav	nav	nav	nav	9.1	5.2	7.1	5.8	65.4
Japan	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Korea	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Mexico	nav	28.9	-24.1	5.5	-15.1	nav	41.8	24.0	12.3	4.9
Netherlands	nav	31.5	46.3	15.4	15.0	10.7	9.2	9.2	9.8	-0.6
Russia	nav	32.6	13.0	30.3	-2.0	nav	19.2	49.4	31.7	31.9
Saudi Arabia	nav	nav	nav	nav	nav	26.7	25.7	19.6	21.4	3.4
Singapore	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
South Africa	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Sweden	30.0	0.0	30.8	29.4	nav	22.7	26.6	17.4	16.5	nav
Switzerland	4.1	10.3	17.2	26.3	2.9	5.8	5.4	8.1	10.6	7.2
Turkey	nav	2.2	12.9	12.1	8.5	nav	3.8	8.9	18.5	11.6
United Kingdom	165.9	-50.5	66.0	23.4	-53.3	6.5	7.2	7.0	6.9	7.0
United States	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
<b>CPSS<sup>2</sup></b>	<b>111.9</b>	<b>-17.4</b>	<b>25.8</b>	<b>13.0</b>	<b>-26.05</b>	<b>10.3</b>	<b>9.9</b>	<b>10.5</b>	<b>13.1</b>	<b>10.7</b>

**Table 14a (cont)**

	POS transactions at terminals located outside the country					E-money payment transactions at terminals in the country				
						with cards issued in the country				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
Australia	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Belgium	14.1	12.1	16.3	18.1	6.7	-4.6	-5.9	-6.5	-9.6	-13.2
Brazil	40.1	35.4	32.1	31.9	-2.6	nav	nav	nav	nav	nav
Canada	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
China	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
France	nav	15.1	11.4	10.8	14.5	nav	nav	nav	nav	nav
Germany <sup>1</sup>	nav	nav	nav	4.6	10.5	nav	nav	nav	-9.1	-9.7
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	394.5	37.9	62.7	-2.5	14.3	nav	nav	nav	nav	nav
Italy	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Japan	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Korea	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Mexico	nav	22.7	19.8	5.0	-11.7	nav	nav	nav	nav	nav
Netherlands	nav	20.3	9.5	11.4	7.2	nav	nav	nav	nav	nav
Russia	nav	50.0	56.6	56.4	20.0	nav	nav	nav	nav	nav
Saudi Arabia	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Singapore	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
South Africa	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Sweden	21.1	-4.3	45.5	34.4	nav	nav	nav	nav	nav	nav
Switzerland	8.3	7.3	8.6	7.8	11.3	1.1	-2.1	-5.9	-2.5	-8.5
Turkey	nav	25.3	28.8	29.5	7.1	nav	nav	nav	nav	nav
United Kingdom	5.8	3.3	7.7	2.6	-3.5	nav	nav	nav	nav	nav
United States	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
<b>CPSS<sup>2</sup></b>	<b>10.0</b>	<b>10.6</b>	<b>13.5</b>	<b>9.6</b>	<b>5.29</b>	<b>-3.7</b>	<b>-5.3</b>	<b>-6.4</b>	<b>-8.7</b>	<b>-11.5</b>

Please refer to the individual country tables for a detailed explanation.

<sup>1</sup> Different methodology and data collection method since reporting year 2007. <sup>2</sup> Sum or average excluding those countries for which data are not available.

**Table 15**  
**Transactions at terminals: value of payment transactions**  
*(USD billions, total for the year)<sup>1</sup>*

	POS transactions at terminals located in the country									
	with cards issued outside the country					with cards issued in the country				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
Australia	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Belgium	3.51	3.67	4.26	4.88	3.87	46.32	50.60	59.49	68.06	67.76
Brazil	nav	nav	nav	nav	nav	69.63	97.69	135.86	175.85	188.43
Canada	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
China	nav	nav	nav	nav	nav	nav	241.57	406.35	576.90	1,004.89
France	19.07	22.18	27.02	27.61	23.72	310.22	339.92	406.02	463.00	450.31
Germany <sup>2</sup>	nav	nav	nav	nav	nav	196.90	204.80	176.90	200.38	194.26
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	1.52	1.95	2.54	2.52	2.78	7.15	8.97	14.54	16.80	15.71
Italy	nav	nav	nav	nav	10.59	78.92	89.46	104.78	118.45	158.81
Japan	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Korea	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Mexico	3.01	3.65	3.65	5.80	3.99	23.11	34.67	41.90	46.54	40.21
Netherlands	2.19	2.92	4.28	4.75	4.83	80.04	87.04	102.71	118.58	111.04
Russia	1.24	1.77	2.23	2.66	1.86	4.32	6.84	11.99	20.71	18.38
Saudi Arabia	nav	nav	nav	nav	nav	7.49	8.26	10.51	13.71	15.00
Singapore	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
South Africa	nav	nav	nav	nav	nav	nav	nav	nav	nav	37.91
Sweden	1.60	1.63	1.92	1.82	nav	35.97	44.18	59.04	66.64	nav
Switzerland	3.69	4.23	5.33	7.15	6.81	44.76	47.06	52.70	62.30	63.33
Turkey	1.72	1.77	2.67	3.23	3.10	57.33	68.79	98.47	128.89	119.78
United Kingdom	15.28	21.57	31.81	30.43	11.21	535.50	590.13	708.50	697.49	618.32
United States	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
<b>CPSS<sup>3</sup></b>	<b>52.8</b>	<b>65.3</b>	<b>85.7</b>	<b>90.9</b>	<b>72.76</b>	<b>1,497.65</b>	<b>1,919.98</b>	<b>2,389.76</b>	<b>2,774.30</b>	<b>3,104.17</b>

**Table 15 (cont)**

	POS transactions at terminals located outside the country					E-money payment transactions at terminals in the country				
	with cards issued in the country									
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
Australia	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Belgium	5.14	5.77	7.23	8.98	8.38	0.60	0.56	0.54	0.52	0.44
Brazil	2.07	2.96	4.10	5.66	5.30	nav	nav	nav	nav	nav
Canada	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
China	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
France	12.99	14.91	19.03	22.46	22.02	nav	nav	nav	nav	nav
Germany <sup>2</sup>	nav	nav	21.33	24.77	24.01	nav	nav	0.22	0.22	0.20
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	0.55	0.78	1.32	1.36	1.62	nav	nav	nav	nav	nav
Italy	nav	nav	nav	nav	13.04	nav	nav	nav	nav	nav
Japan	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Korea	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Mexico	3.63	3.44	4.32	4.40	3.86	nav	nav	nav	nav	nav
Netherlands	6.66	8.75	9.80	11.98	10.85	nav	nav	nav	nav	nav
Russia	1.67	2.62	4.36	6.93	6.08	nav	nav	nav	nav	nav
Saudi Arabia	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Singapore	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
South Africa	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Sweden	2.14	2.30	3.26	3.64	nav	nav	nav	nav	nav	nav
Switzerland	8.02	8.93	10.57	12.04	11.83	0.06	0.06	0.07	0.06	0.06
Turkey	1.08	1.29	1.69	2.09	1.94	nav	nav	nav	nav	nav
United Kingdom	37.10	41.80	50.05	50.95	39.90	nav	nav	nav	nav	nav
United States	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
<b>CPSS<sup>3</sup></b>	<b>81.0</b>	<b>93.6</b>	<b>137.1</b>	<b>155.3</b>	<b>148.82</b>	<b>0.66</b>	<b>0.61</b>	<b>0.83</b>	<b>0.80</b>	<b>0.70</b>

Please refer to the individual country tables for a detailed explanation.

<sup>1</sup> Converted at yearly average exchange rates. <sup>2</sup> Different methodology and data collection method since reporting year 2007. <sup>3</sup> Sum or average excluding those countries for which data are not available. <sup>4</sup> For e-money payment transactions, total transactions during the fiscal year ending March of the following year, converted at average fiscal year exchange rates.

**Table 15a****Transactions at terminals: increase in the real value of payment transactions**(% change on previous year, adjusted by CPI inflation)<sup>1</sup>

	POS transactions at terminals located in the country									
	with cards issued outside the country					with cards issued in the country				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
Australia	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Belgium	-2.2	1.2	4.6	2.4	-16.5	8.8	5.7	5.9	2.4	4.7
Brazil	nav	nav	nav	nav	nav	18.9	21.7	19.1	15.3	11.5
Canada	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
China	nav	nav	nav	nav	nav	nav	nav	51.1	24.5	75.0
France	nav	13.0	9.9	-7.4	-9.7	11.6	6.5	7.8	3.4	2.2
Germany <sup>2</sup>	nav	nav	nav	nav	nav	3.6	1.2	-22.6	3.1	1.7
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	112.5	25.9	12.9	-3.6	11.0	205.3	23.1	40.8	12.2	-6.0
Italy	nav	nav	nav	nav	nav	7.1	9.8	5.2	2.2	40.0
Japan	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Korea	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Mexico	nav	17.0	-3.7	54.2	-20.8	nav	44.8	16.5	7.7	-0.5
Netherlands	nav	30.0	32.3	1.7	6.0	11.2	5.9	6.5	5.7	-2.5
Russia	nav	25.3	5.9	2.4	-17.8	nav	39.8	47.2	47.9	4.2
Saudi Arabia	nav	nav	nav	nav	nav	16.3	7.9	22.3	18.6	4.2
Singapore	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
South Africa	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Sweden	8.2	-1.5	6.5	-10.7	nav	13.1	19.4	20.4	6.5	nav
Switzerland	3.3	14.0	19.9	18.1	-4.1	15.1	4.6	6.4	4.2	2.3
Turkey	nav	0.3	26.4	9.1	7.7	nav	16.8	20.1	18.1	4.4
United Kingdom	nav	36.2	32.5	0.7	-57.6	5.8	6.4	7.9	3.6	2.0
United States	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
<b>CPSS<sup>3</sup></b>	<b>9.5</b>	<b>20.6</b>	<b>27.5</b>	<b>1.7</b>	<b>-30.86</b>	<b>8.6</b>	<b>9.3</b>	<b>21.0</b>	<b>11.3</b>	<b>12.1</b>

**Table 15a (cont)**

	POS transactions at terminals located outside the country					E-money payment transactions at terminals in the country				
						with cards issued in the country				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
Australia	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Belgium	23.5	8.7	12.9	11.2	-1.9	-10.0	-10.9	-12.6	-14.5	-11.0
Brazil	20.0	24.2	18.8	22.8	-2.6	nav	nav	nav	nav	nav
Canada	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
China	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
France	nav	11.5	15.1	7.1	3.0	nav	nav	nav	nav	nav
Germany <sup>2</sup>	nav	nav	nav	5.7	1.7	nav	nav	nav	-7.2	-5.7
Hong Kong SAR	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
India	176.2	39.9	45.7	0.6	19.7	nav	nav	nav	nav	nav
Italy	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Japan	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Korea	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Mexico	nav	-8.5	21.0	-1.1	0.9	nav	nav	nav	nav	nav
Netherlands	nav	27.9	1.1	11.83	-5.7	nav	nav	nav	nav	nav
Russia	nav	38.5	39.6	36.12	2.9	nav	nav	nav	nav	nav
Saudi Arabia	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Singapore	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
South Africa	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Sweden	13.4	4.7	27.3	5.6	nav	nav	nav	nav	nav	nav
Switzerland	7.4	10.8	12.5	0.3	-1.1	-1.2	-1.0	13.5	-14.6	0.5
Turkey	nav	16.9	9.7	11.8	4.0	nav	nav	nav	nav	nav
United Kingdom	1.6	8.8	7.6	7.2	-9.9	nav	nav	nav	nav	nav
United States	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
<b>CPSS<sup>3</sup></b>	<b>5.3</b>	<b>12.6</b>	<b>20.2</b>	<b>8.7</b>	<b>-11.35</b>	<b>-9.5</b>	<b>-9.6</b>	<b>-3.7</b>	<b>-6.6</b>	<b>-13.62</b>

Please refer to the individual country tables for a detailed explanation.

<sup>1</sup> Value of payment transactions in domestic currency deflated by yearly average CPI inflation. For the CPSS area, in US dollar terms.<sup>2</sup> Different methodology and data collection method since reporting year 2007. <sup>3</sup> Sum or average excluding those countries for which data are not available.

**Table PS1**  
**Features of selected interbank funds transfer systems**  
*(at end-2009)*

System	Type	Settlement	Owner/manager	Processing	Membership	Degree of centralisation
<b>Australia</b>						
RITS	L	RTGS	CB	RTT	O	C
<b>Belgium</b>						
TARGET2-BE	L	RTGS	CB	RTT	R	C
Clearing house	R	MN	B, CB	RTT	O	C
CEC	R	MN	B, CB	RTT	O	C
<b>Brazil</b>						
STR	L	RTGS	CB	RTT	O <sup>1</sup>	C
SITRAF	L	MN, BN, G	PA <sup>2</sup>	RTT	O <sup>3</sup>	C
BmfBovespa-FX	FX	MN	Other <sup>4</sup>	ACH	O <sup>5</sup>	C
SILOC	R	MN	PA <sup>2</sup>	ACH	O <sup>3</sup>	C
COMPE	R	MN	B	ACH	O <sup>1</sup>	C
<b>Canada</b>						
LVTS	L	MN	PA	RTT	O	C
<b>China</b>						
HVPS	L	RTGS	CB	RTT	O	C
BEPS	R	MN	CB	RTT	O	C
<b>France</b>						
TARGET2-BDF <sup>1</sup>	L	RTGS	CB	RTT	R	C
CORE <sup>2</sup>	R	MN	B	ACH	O	C
<b>Germany</b>						
TARGET2-BBk <sup>1</sup>	L	RTGS	CB	RTT	R	C
RPS	R	BA	CB	ACH	O	C
<b>Hong Kong SAR</b>						
HKD CHATS	L, FX	RTGS	CB, B <sup>1</sup>	RTT	O	C
USD CHATS	L, FX	RTGS	CB, B <sup>1</sup>	RTT	O	C
EUR CHATS	L, FX	RTGS	CB, B <sup>1</sup>	RTT	O	C
<b>India</b>						
RTGS	L	RTGS	CB	RTT	R	C
Clearing House						
-Cheque Clearing	R	MN	CB, B	M, ACH	R	D
-ECS / NECS	R	MN	B, CB	M, ACH	R	D <sup>1</sup> , C <sup>2</sup>
-NEFT	R	MN	CB	ACH	R	C
<b>Italy</b>						
TARGET2-BDI	L	RTGS	CB	RTT	O	C
BI-COMP	R	MN	CB	ACH	O	C
<b>Japan</b>						
BOJ-NET	L	RTGS	CB	RTT	R	C
FXYCS <sup>1</sup>	L	RTGS	B	RTT	R	C
Zengin System	R	MN	B	RTT	R	C
Tokyo Clearing House	R	MN	B	ACH	R	C
<b>Korea</b>						
BOK-Wire+	L	RTGS	CB	RTT	R	C
Check Clearing System	R	MN	PA	M, ACH	O	D, C
Interbank Shared Networks	R	MN	PA	RTT	O	C

For the footnotes regarding the systems, see after Comparative Table PS4.

Table PS1 (cont)

System	Type	Settlement	Owner/manager	Processing	Membership	Degree of centralisation
<b>Mexico</b>						
SPEI	L, R	MN	CB	RTT	O	C
CECOBAN	R	MN	B	ACH	O	C
<b>Netherlands</b>						
TARGET2-NL	L	RTGS	CB	RTT	R	C
Equens	R	MN, BA		ACH	R	C
<b>Russia</b>						
BESP System	L	RTGS	CB	RTT	R	C
VER	L, R	G	CB	RTT, ACH <sup>1</sup>	O	C
MER	L, R	G	CB	RTT, ACH <sup>1</sup>	O	C, D <sup>2</sup>
Payments using letters of advice	L, R	G	CB	M	O	D
<b>Saudi Arabia</b>						
SARIE	L, R	RTGS	CB	RTT	R	C
<b>Singapore</b>						
MEPS	L	RTGS	CB	RTT	O	C
SGDCCS	R	MN	PA	ACH	O	C
USDCCS	R	G	PA	ACH	O	C
IBG	R	MN	PA	ACH	O	C
EFTPOS	R	MN	B	RTT	R	C
<b>South Africa</b>						
SAMOS	L, R	RTGS	CB	RTT	R	C
<b>Sweden</b>						
E-RIX	L	RTGS	CB	RTT	R	C
K-RIX	L	RTGS	CB	RTT	R	C
Bankgirot	R	MN	B	ACH	O	C
Dataclearing	R	MN	B	ACH	O	C
<b>Switzerland</b>						
SIC	L, R	RTGS	B, CB	RTT	O	C
<b>Turkey</b>						
TIC-RTGS	L, R	RTGS	CB	RTT	O	C
BKM	R	MN	B	RTT	O	C
ICH	R	MN	CB, B	ACH	O	D
<b>United Kingdom</b>						
CHAPS Euro	L	RTGS	B, CB	RTT	R	C
CHAPS Sterling	L	RTGS	B, CB	RTT	R	C
Cheque/credit	R	MN	B	ACH	R	D
BACS	R	MN	B	ACH	R	C
<b>United States<sup>1</sup></b>						
CHIPS <sup>2</sup>	L	MN, BN, G	B	RTT	R	C
Fedwire	L	RTGS	CB	RTT	O <sup>3</sup>	C
<b>European Union</b>						
TARGET	L	RTGS	CB, B, PA	RTT	R, O	C
EURO1 / STEP1	L	MN	B	RTT	R	C
STEP2	R	BA	B	ACH	R	C
<i>Memo:</i>						
<b>CLS</b>	FX	RTGS	B <sup>1</sup>	RTT	R	C

For the footnotes regarding the systems, see after Comparative Table PS4.

Table PS1 (cont)

System	Pricing	Closing time for same day transactions	Settlement finality	Cut-off third-party orders	Standard money market hours	
					opening	closing
<b>Australia</b>						
RITS	V	18.30 <sup>1</sup> ; 20.30 <sup>2</sup>	Real time	18.30 <sup>1</sup> ; 20.30 <sup>2</sup>	07:30	18.30 <sup>1</sup> ; 20.30 <sup>2</sup>
<b>Belgium</b>						
TARGET2-BE	F	18:00	Real time	17:00	07:00	18:00
Clearing house	F	15:15	nav	nav	nap	nap
CEC	F	15:00	nav	nav	nap	nap
<b>Brazil</b>						
STR	F	18:30	Real time	17:30	06:30	18:30
SITRAF	F	17:00	Intraday <sup>6</sup>	17:00	nap	nap
BmfBovespa-FX	F	10:00	T+2: 14:05 <sup>7</sup>	nap	nap	nap
SILOC	F	nap	T+1: 08:20	21:59	nap	nap
COMPE	F	nap	T+1: 09:00, 17:15 <sup>8</sup>	nap	nap	nap
<b>Canada</b>						
LVTS	F	18:30	Intraday <sup>1</sup>	18:00	nap <sup>2</sup>	nap
<b>China</b>						
HVPS	F	17:30	Real time	17:00	08:30	17:00
BEPS	F	16:00	Intraday <sup>1</sup>	nap	nap	nap
<b>France</b>						
TARGET2-BDF <sup>1</sup>	F	18:00	Real time	17:00	07:00	18:00
CORE <sup>2</sup>	F	13:30	15:15	nap	nap	nap
<b>Germany</b>						
TARGET2-BBk <sup>1</sup>	F	18:00	Real time	17:00	07:00	18:00
RPS	F	07:00 <sup>2</sup> ; 09:00 <sup>3</sup> ; 10:00 <sup>4</sup> ; 12:00 <sup>5</sup> ; 20:00 <sup>6</sup>	Intraday	nap	nap	nap
<b>Hong Kong SAR</b>						
HKD CHATS	F	18:30	Real time	nav	08:30	18:30
USD CHATS	F	18:30	Real time	nav	08:30	18:30
EUR CHATS	F	18:30	Real time	nav	08:30	18:30
<b>India</b>						
RTGS	0	20:00	Real time	16:30	09:00	17:00
Clearing House						
-Cheque Clearing	F, S	19:30	T+1	nap	nap	nap
-ECS / NECS	0	17:00	T+1	nap	nap	nap
-NEFT	0	19:00	Intraday	nap	nap	nap
<b>Italy</b>						
TARGET2-BDI	F	18:00	Real time	17:00	07:00	18:00
BI-COMP	F	12:00	<sup>1</sup>	12:00	nap	nap
<b>Japan</b>						
BOJ-NET	V <sup>2</sup>	19:00 <sup>3</sup>	Real time	14:00 <sup>6</sup>	08:30	19:00 <sup>7</sup>
FXYCS <sup>1</sup>	F	19:00 <sup>4</sup>	Real time	19:00 <sup>4</sup>	08:30	19:00 <sup>7</sup>
Zengin System	F	15:30	16:15	15:30	nap	nap
Tokyo Clearing House	F	08:00 <sup>5</sup>	12:30	08:00 <sup>5</sup>	nap	nap
<b>Korea</b>						
BOK-Wire+	F	17:30	Real time	17:30	09:00	17:30
Check Clearing System	F	16:00	T+1: 11:00, 14:00	nap	nap	nap
Interbank Shared Networks	F	18:00 <sup>1</sup> , 23:55 <sup>2</sup> , 14:00/17:00 <sup>3</sup>	T+1: 11:00	nap	nap	nap

For the footnotes regarding the systems, see after Comparative Table PS4.



Table PS1 (cont)

System	Pricing	Closing time for same day transactions	Settlement finality	Cut-off third-party orders	Standard money market hours	
					opening	closing
<b>Mexico</b>						
SPEI	F	17:20	Real time	17:00	07:45 <sup>1</sup>	17:00
CECOBAN	F	nap	T+1	nap	nap	nap
<b>Netherlands</b>						
TARGET2-NL	F	18:00	Real time	17:00	07:00	18:00
Equens	F	17:00	every 30 min	15:30	nap	nap
<b>Russia</b>						
BESP System	S	21:00 <sup>3</sup>	Real time	17:00 <sup>4</sup> -21:00 <sup>3,5</sup>	10:30 <sup>3,6</sup>	17:30 <sup>3,6</sup>
VER	S	17:00 <sup>4,7</sup>	Intraday	17:00 <sup>4</sup>	10:30 <sup>3,6</sup>	17:30 <sup>3,6</sup>
MER	S	17:00 <sup>4,8</sup>	Intraday <sup>8</sup>	17:00 <sup>4</sup>	10:30 <sup>3,6</sup>	17:30 <sup>3,6</sup>
Payments using letters of advice	S	14:00 <sup>9</sup>	T+2 <sup>10</sup> , T+5 <sup>10</sup>	14:00 <sup>9</sup>	10:30 <sup>3,6</sup>	17:30 <sup>3,6</sup>
<b>Saudi Arabia</b>						
SARIE	F	16:00	Real time	15:30	09:00	16:00
<b>Singapore<sup>1</sup></b>						
MEPS	V	18:30 (14:45)	Real time (14:45)	18:30 (14:45) <sup>2</sup>	09:00	18:30
SGDCCS	F	17:00 (13:30)	T+1: 15:45 (14:30)	17:00	nap	nap
USDCCS	F	15:30 (nap)	T+1: 17:00	15:30	nap	nap
IBG	F	12:00 (10:00)	T+1:18:15 (14:30)	12:00	nap	nap
EFTPOS	F	22:00	T+1: 20:00 <sup>3</sup>	nap	nap	nap
<b>South Africa</b>						
SAMOS	F	24:00	Real time	nap	08:00	12:00
<b>Sweden</b>						
E-RIX	F	18:00	Real time	17:00	09:00	16:15
K-RIX	F	17:00	Real time	17:00	09:00	16:15
Bankgirot	F	nap <sup>1</sup>	Intraday <sup>2</sup>	16:20 <sup>3</sup>	nap	nap
Dataclearing	F	nap <sup>1</sup>	Intraday <sup>2</sup>	15:20 <sup>4</sup>	nap	nap
<b>Switzerland</b>						
SIC	F	16:15 <sup>1</sup>	Real time	15:00	09:00	16:00
<b>Turkey</b>						
TIC-RTGS	F	17:30	Real time	nap	08:30	17:30
BKM	F	nap	T+1	nap	nap	nap
ICH	F	nap	T+1	nap	nap	nap
<b>United Kingdom</b>						
CHAPS Euro	F	17:00	Real time	16:00	07:00	16:00
CHAPS Sterling	F	16:20	Real time	16:00	07:00	16:00
Cheque/credit	F	nap	<sup>1</sup>	nap	nap	nap
BACS	F	nap	<sup>2</sup>	nap	nap	nap
<b>United States<sup>1</sup></b>						
CHIPS <sup>2</sup>	F	17:00	Intraday <sup>4</sup>	17:00	08:30 <sup>5</sup>	18:30
Fedwire	F	18:30	Real time	18:00	08:30 <sup>5</sup>	18:30
<b>European Union<sup>1</sup></b>						
TARGET	F	18:00	Real time	17:00	07:00	18:00
EURO1 / STEP1	F	16:00	about 16:30	16:00	07:00	18:00
STEP2	F	nap	about 07:30 <sup>2</sup>	22:00 on T-1	07:00	18:00
<i>Memo:</i>						
CLS	F	06:30 <sup>2</sup>	Real time	nap	nap	nap

For the footnotes regarding the systems, see after Comparative Table PS4.

Table PS2

## Payments processed by selected interbank funds transfer systems: number of transactions

(total for the year)

System	Number of transactions (millions)					Increase in the number of transactions (% change on previous year)				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
<b>Australia</b>										
RITS	5.96	6.42	7.25	8.09	7.85	nav	7.7	13.0	11.6	-3.0
<b>Belgium</b>										
TARGET2-BE	1.77	1.74	2.04	2.75	2.00	-0.7	-2.0	17.5	34.8	-27.2
Clearing house	0.57	0.50	0.47	0.43	0.24	-56.4	-11.7	-6.7	-8.3	-43.6
CEC	952	966	1,012	1,063	1,123	-5.7	1.5	4.7	5.1	5.6
<b>Brazil</b>										
STR	10.7	10.7	10.8	10.4	10.5	0.5	-0.2	1.1	-4.1	1.1
SITRAF	35.3	41.6	52.0	61.0	67.4	40.0	17.9	24.8	17.4	10.4
BmfBovespa-FX	0.09	0.07	0.06	0.07	0.06	-17.0	-15.9	-13.5	1.6	-13.8
COMPE	2067	1709	1533	1397	1235	-31.2	-17.3	-10.3	-8.9	-11.6
SILOC	970	1241	1428	1625	1752	908.0	27.8	15.1	13.8	7.8
<b>Canada</b>										
LVTs	4.57	4.92	5.29	5.72	5.61	5.0	7.6	7.7	8.0	-1.9
<b>China</b>										
HVPS	73.70	141.81	171.88	214.07	248.02	nav	92.4	21.2	24.5	15.9
BEPS	nav	24.80	87.20	140.71	225.81	nav	nav	251.6	61.4	60.5
<b>France</b>										
TARGET2-BDF <sup>1</sup>	4.32	4.58	4.88	6.65	7.62	8.0	5.9	6.6	36.3	14.5
PNS <sup>1</sup>	6.84	6.61	6.43	0.40	nav	-2.4	-3.2	-2.8	-93.8	nav
CORE <sup>2</sup>	11,861	12,182	12,303	12,491	12,738	2.1	2.7	1.0	1.5	2.0
<b>Germany</b>										
TARGET2-BBk <sup>1</sup>	35.8	37.9	47.5	41.6	44.7	5.0	5.9	25.3	-12.5	7.6
RPS	2,175	2,298	2,343	2,465	2,586	-2.5	5.7	2.0	5.2	4.9
<b>Hong Kong SAR</b>										
HKD CHATS	4.07	4.60	5.50	5.59	5.16	7.8	12.9	19.6	1.7	-7.7
USD CHATS	1.49	1.74	2.12	2.47	2.62	16.7	17.3	21.8	16.3	6.0
EUR CHATS	0.01	0.02	0.04	0.05	0.06	nav	140.0	66.7	35.0	16.7
<b>India</b>										
RTGS	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Cheque Clearing	1,287	1,367	1,461	1,397	1,379	10.3	6.3	6.8	-4.3	-1.3
ECS / NECS	80	144	205	248	247	44.8	79.9	42.5	20.9	-0.4
NEFT	3.07	4.78	13.31	32.16	66.34	20.4	55.7	178.5	141.6	106.3
<b>Italy</b>										
TARGET2-BDI	10.4	10.9	11.5	9.5	8.7	14.3	5.5	5.0	-17.4	-8.8
BI-COMP	1,895	1,946	1,992	2,025	2,004	1.5	2.7	2.3	1.6	-1.0
<b>Japan</b>										
BOJ-NET	5.30	5.55	6.76	8.47	12.31	2.4	4.7	21.8	25.3	45.4
FXYCS	6.87	6.77	7.75	7.54	6.21	-7.4	-1.3	14.5	-2.8	-17.7
Zengin System	1,315	1,321	1,353	1,368	1,380	2.2	0.5	2.4	1.1	0.9
Tokyo Clearing House	48.9	44.4	40.7	36.6	31.2	-8.1	-9.1	-8.4	-10.0	-15.0
<b>Korea</b>										
BOK-Wire+	1.99	2.08	2.25	2.54	2.75	15.7	4.9	8.2	12.7	8.3
Check Clearing System	820	1,152	1,186	1,104	931	-5.9	40.5	2.9	-6.9	-15.6
Interbank Shared Networks	2,165	2,416	2,680	2,858	2,969	11.4	11.6	11.0	6.6	3.9

For the footnotes regarding the systems, see after Comparative Table PS4.

Table PS2 (cont)

System	Number of transactions (millions)					Increase in the number of transactions (% change on previous year)				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
<b>Mexico</b>										
SPEI	5.52	19.13	29.47	41.71	62.21	nav	246.4	54.1	41.5	49.2
CECOBAN	182.35	186.55	184.72	178.80	164.26	nav	2.3	-1.0	-3.2	-8.1
<b>Netherlands</b>										
TARGET2-NL	4.70	4.77	7.26	9.25	9.39	-5.6	1.4	52.0	27.5	1.5
Equens	3,272	3,530	3,803	4,040	4,259	4.8	7.9	7.7	6.2	5.4
<b>Russia</b>										
BESP System	nav	nav	nav	0.0	0.1	nav	nav	nav	nav	950.0
VER	464.3	573.3	676.9	752.6	748.7	nav	23.5	18.1	11.2	-0.5
MER	86.3	120.5	154.1	184.4	192.5	nav	39.7	27.9	19.7	4.4
Payments using letters of advice	5.1	2.5	2.8	3.1	1.7	nav	-50.7	14.0	7.4	-45.7
<b>Saudi Arabia</b>										
SARIE	13.4	20.3	23.8	29.9	30.9	-11.6	51.4	17.4	25.6	3.6
<b>Singapore</b>										
MEPS	2.52	2.68	3.42	3.73	3.63	12.5	6.3	27.6	9.1	-2.7
SGDCCS	84.9	83.4	84.9	82.5	78.2	-1.3	-1.8	1.8	-2.8	-5.2
USDCCS	0.78	0.88	0.94	0.96	0.90	11.4	12.8	6.8	2.1	-6.2
IBG	72.5	77.8	80.7	81.6	84.3	8.0	7.3	3.7	1.1	3.3
EFTPOS	125	141	152	162	nav	9.3	12.5	7.7	6.4	nav
<b>South Africa</b>										
SAMOS - large	1.51	1.77	2.17	2.52	2.62	nav	17.3	22.3	16.4	3.7
SAMOS - retail <sup>1</sup>	0.19	0.17	0.21	0.23	0.25	nav	-11.5	21.3	11.7	8.3
<b>Sweden</b>										
E-RIX	0.11	0.07	nav	nav	nav	10.0	-36.4	nav	nav	nav
K-RIX	1.50	1.70	1.95	2.01	2.58	15.4	13.3	14.4	3.3	28.4
Bankgirot	484	554	616	671	698	12.6	14.5	11.2	8.9	4.0
Dataclearing	83.0	84.0	90.0	nav	nav	-21.0	1.2	7.1	nav	nav
<b>Switzerland</b>										
SIC	256	317	357	372	382	22.6	23.7	12.5	4.2	2.7
<b>Turkey</b>										
TIC-RTGS	76.7	93.1	106.1	119.3	129.5	nav	21.3	13.9	12.5	8.5
BKM	671.5	660.7	727.8	826.1	897.7	nav	-1.6	10.2	13.5	8.7
ICH	23.5	23.6	24.9	23.2	19.3	nav	0.2	5.6	-6.9	-16.6
<b>United Kingdom</b>										
CHAPS Euro	5.06	5.57	5.71	0.59	nav	7.9	10.1	2.5	-89.7	nav
CHAPS Sterling	29.6	33.0	35.6	34.6	31.9	4.5	11.6	7.7	-2.8	-7.8
Cheque/credit	126.0	110.7	98.4	96.6	82.2	-7.3	-12.1	-11.1	-1.9	-14.9
BACS	2,412	2,504	2,580	2,579	2,490	19.8	3.8	3.1	-0.1	-3.5
<b>United States</b>										
CHIPS	71.5	77.9	87.3	92.0	84.8	4.3	9.0	12.1	5.4	-7.8
Fedwire	132	134	135	131	125	5.9	0.9	0.8	-2.5	-5.1
<b>European Union</b>										
TARGET	76.3	83.4	99.1	89.0	87.6	10.6	9.2	18.9	-10.1	-1.6
EURO1 / STEP1	46.4	47.7	54.4	64.2	58.3	4.7	2.8	13.9	18.1	-9.2
STEP2 XCT Service <sup>3</sup>	45.6	66.0	91.3	73.2	54.2	73.6	44.9	38.4	-19.9	-25.9
STEP2 ICT Service <sup>4</sup>	nav	nav	221	265	287	nav	nav	nav	20.3	8.2
STEP2 SCT Service <sup>5</sup>	nav	nav	nav	45.1	89.0	nav	nav	nav	nav	97.4
<i>Memo:</i>										
<b>CLS<sup>3</sup></b>	47.85	61.53	90.26	134.43	150.09	46.9	28.6	46.7	48.9	11.6

For the footnotes regarding the systems, see after Comparative Table PS4.

Table PS3

## Payments processed by selected interbank funds transfer systems: value of transactions

(total for the year)

System	Value of transactions (USD billions except as noted) <sup>1</sup>					Average value per transaction (USD thousands) <sup>1</sup>				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
	<b>Australia</b>									
RITS	25,471	28,828	38,349	40,358	33,473	4,274.4	4,493.8	5,292.4	4,991.1	4,265.7
<b>Belgium</b>										
TARGET2-BE	21,448	24,373	36,453	39,683	28,980	12,117.6	14,047.9	17,886.9	14,445.8	14,489.8
Clearing house	60.3	61.6	67.2	64.6	30.0	105.7	122.2	143.0	149.9	123.5
CEC	786	839	1,022	1,175	1,119	0.8	0.9	1.0	1.1	1.0
<b>Brazil</b>										
STR	32,680	44,863	54,990	59,991	70,821	3,051.9	4,199.5	5,093.5	5,794.6	6,768.7
SITRAF	1,038	1,438	2,094	2,786	2,653	29.4	34.5	40.3	45.7	39.4
BmfBovespa-FX	360	441	703	765	637	4,093.9	5,956.1	10,977.8	11,772.3	11,375.2
COMPE	477	452	508	575	504	0.2	0.3	0.3	0.4	0.4
SILOC	205	288	373	464	463	0.2	0.2	0.3	0.3	0.3
<b>Canada</b>										
LVTS	30,310	36,823	42,877	43,092	33,885	6,634.8	7,491.9	8,098.4	7,538.7	6,044.5
<b>China</b>										
HVPS	13,840	35,264	72,331	93,568	117,744	187.8	248.7	420.8	437.1	474.7
BEPS	nav	90	2,984	748	1,679	nav	3.6	34.2	5.3	7.4
<b>France</b>										
TARGET2-BDF <sup>1</sup>	151,425	169,587	198,527	149,131	130,406	35,019.6	37,043.8	40,665.1	22,412.2	17,115.9
PNS <sup>1</sup>	19,432	18,643	22,258	1,092	nav	2,842.5	2,818.8	3,462.1	2,742.9	nav
CORE <sup>2</sup>	5,906	6,310	7,084	7,698	6,961	0.5	0.5	0.6	0.6	0.5
<b>Germany</b>										
TARGET2-BBk <sup>1</sup>	172,023	189,140	317,934	323,884	238,260	4,808.2	4,991.0	6,693.3	7,792.8	5,330.2
RPS	2,610	2,753	3,095	3,449	3,192	1.2	1.2	1.3	1.4	1.2
<b>Hong Kong SAR</b>										
HKD CHATS	14,936	18,504	27,785	24,707	16,982	3,668.9	4,024.4	5,052.7	4,419.0	3,292.4
USD CHATS	1,588	1,569	2,127	2,537	2,147	1,069.3	900.5	1,003.0	1,028.5	820.8
EUR CHATS	422	343	413	272	214	42,232.8	14,294.7	10,321.9	5,037.0	3,403.2
<b>India</b>										
RTGS	2.62	4.08	6.62	7.43	8.15	nav	nav	nav	nav	nav
Cheque Clearing	2.57	2.66	3.24	2.87	2.15	0.002	0.002	0.002	0.002	0.002
ECS / NECS	0.01	0.02	0.20	0.04	0.04	0.000	0.000	0.001	0.000	0.000
NEFT	0.01	0.02	0.03	0.06	0.08	0.005	0.004	0.003	0.002	0.001
<b>Italy</b>										
TARGET2-BDI	40,840	47,372	57,635	60,171	44,844	3,934.1	4,327.4	5,013.9	6,336.4	5,178.3
BI-COMP	3,948	4,248	4,619	5,045	4,304	2.1	2.2	2.3	2.5	2.1
<b>Japan</b>										
BOJ-NET	196,452	218,128	250,381	285,589	291,305	37,052.6	39,307.8	37,030.0	33,714.7	23,656.3
FXYS	36,514	38,015	47,826	50,080	33,957	5,318.5	5,612.1	6,168.3	6,643.2	5,470.6
Zengin System	21,235	21,258	22,313	25,974	25,703	16.2	16.1	16.5	19.0	18.6
Tokyo Clearing House	3,301	2,806	2,693	2,884	2,782	67.6	63.2	66.1	78.7	89.3
<b>Korea</b>										
BOK-Wire+	29,450	33,416	39,633	39,023	36,020	14,829.0	16,034.5	17,583.2	15,357.5	13,088.7
Check Clearing System	3,520	3,933	4,723	4,674	4,247	4.3	3.4	4.0	4.2	4.6
Interbank Shared Networks	4,879	6,352	7,800	7,569	7,398	2.3	2.6	2.9	2.6	2.5

For the footnotes regarding the systems, see after Comparative Table PS4.

<sup>1</sup> Converted at yearly average exchange rates.

Table PS3 (cont)

System	Value of transactions (USD billions except as noted) <sup>1</sup>					Average value per transaction (USD thousands) <sup>1</sup>				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
<b>Mexico</b>										
SPEI	8,578	10,710	12,391	12,970	9,512	1,553.8	560.0	420.4	311.0	152.9
CECOBAN	332	368	391	406	294	1.8	2.0	2.1	2.3	1.8
<b>Netherlands</b>										
TARGET2-NL	38,126	40,146	53,434	86,153	88,834	8,104.9	8,412.7	7,365.2	9,315.8	9,464.5
Equens	2,413	2,659	2,815	2,946	2,718	0.7	0.8	0.7	0.7	0.6
<b>Russia</b>										
BESP System	nav	nav	nav	83	3,365	nav	nav	nav	13,842.3	53,412.8
VER	5,438	7,933	14,665	17,065	13,659	11.7	13.8	21.7	22.7	18.2
MER	1,277	1,875	2,721	3,573	2,197	14.8	15.6	17.7	19.4	11.4
Payments using letters of advice	144	40	44	89	28	28.4	15.8	15.5	29.2	16.9
<b>Saudi Arabia</b>										
SARIE	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
<b>Singapore</b>										
MEPS	7,564	8,308	10,135	11,474	9,381	3,001.7	3,100.1	2,963.4	3,076.1	2,584.2
SGDCCS	244	294	416	409	368	2.9	3.5	4.9	5.0	4.7
USDCCS	24.3	27.9	31.2	36.9	33.6	31.2	31.8	33.2	38.5	37.3
IBG	80.5	95.8	123.2	150.4	149.6	1.1	1.2	1.5	1.8	1.8
EFTPOS	5.72	7.45	9.29	11.27	nav	0.0	0.1	0.1	0.1	nav
<b>South Africa</b>										
SAMOS - large	8,740	8,436	9,889	10,463	8,464	5,780.5	4,758.3	4,559.4	4,145.3	3,234.4
SAMOS - retail	681	741	827	782	743	nav	nav	nav	nav	nav
<b>Sweden</b>										
E-RIX	2,591	2,324	nav	nav	nav	23,555.2	33,197.9	nav	nav	nav
K-RIX	14,867	16,905	18,181	20,736	22,835	9,911.2	9,944.4	9,347.3	10,316.6	8,850.6
Bankgirot	690	793	102	1,093	922	1.4	1.4	0.2	1.6	1.3
Dataclearing	230	246	314	nav	nav	2.8	2.9	3.5	nav	nav
<b>Switzerland</b>										
SIC	32,936	35,762	43,568	53,582	52,355	128.5	112.8	122.1	144.2	137.2
<b>Turkey</b>										
TIC-RTGS	5.85	10.52	13.86	16.95	15.32	0.08	0.11	0.13	0.14	0.12
BKM	32.54	36.19	49.66	63.37	60.84	0.05	0.05	0.07	0.08	0.07
ICH	0.12	0.13	0.17	0.18	0.13	0.00	0.01	0.01	0.01	0.01
<b>United Kingdom</b>										
CHAPS Euro	45,704	52,941	64,180	9,588	nav	9,034.3	9,501.3	11,234.0	16,251.2	nav
CHAPS Sterling	94,299	107,297	135,836	132,225	92,892	3,187.2	3,249.2	3,818.0	3,822.2	2,911.1
Cheque/credit	2,270	2,330	2,501	2,134	1,470	18.0	21.0	25.4	22.1	17.9
BACS	5,719	6,304	7,389	7,231	6,018	2.4	2.5	2.9	2.8	2.4
<b>United States</b>										
CHIPS	349,871	394,567	485,624	508,759	364,355	4,894.7	5,066.3	5,562.7	5,530.0	4,296.6
Fedwire	518,547	572,646	670,665	754,975	631,127	3,915.3	4,286.0	4,979.0	5,747.4	5,061.2
<b>European Union</b>										
TARGET	613,695	676,806	923,700	894,126	738,488	8,041.6	8,119.2	9,323.4	10,043.2	8,430.5
EURO1 / STEP1	53,333	60,515	79,714	107,427	90,693	1,149.2	1,267.9	1,466.7	1,673.6	1,555.9
STEP2 XCT Service <sup>3</sup>	130	336	494	461	312	2.8	5.1	5.4	6.3	5.7
STEP2 ICT Service <sup>4</sup>	nav	nav	1,362	1,910	1,659	nav	nav	6.2	7.2	5.8
STEP2 SCT Service <sup>5</sup>	nav	nav	nav	431	721	nav	nav	nav	9.6	8.1
<i>Memo:</i>										
<b>CLS<sup>3</sup></b>	545.84	714.32	940.62	1,039.23	890.47	11,406.8	11,609.5	10,421.6	7,730.3	5,933.1

For the footnotes regarding the systems, see after Comparative Table PS4.

<sup>1</sup> Converted at yearly average exchange rates.

Table PS3 (cont)

System	Increase in the real value of transactions (% change on previous year, adjusted by CPI inflation)					Value of transactions as a percentage of GDP (in %)				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
<b>Australia</b>										
RITS	nav	10.0	16.0	0.4	-13.3	3,463.8	3,650.3	3,995.0	3,816.5	3,361.2
<b>Belgium</b>										
TARGET2-BE	14.8	9.9	34.7	-2.6	-23.2	5,702.0	6,107.0	7,949.8	7,861.6	6,143.2
Clearing house	-19.7	-1.2	-1.7	-13.9	-51.2	16.0	15.4	14.7	12.8	6.4
CEC	5.5	3.4	9.6	2.9	0.2	208.8	210.3	222.9	232.8	237.3
<b>Brazil</b>										
STR	23.6	19.1	5.0	-2.8	22.8	3,704.5	4,122.1	4,025.6	3,668.5	4,491.9
SITRAF	30.4	20.2	24.8	18.5	-1.0	117.6	132.1	153.3	170.4	168.2
BmfBovespa-FX	6.1	6.1	36.5	-3.0	-13.4	40.8	40.5	51.4	46.8	40.4
SILOC	-47.0	-17.8	-3.8	0.8	-8.8	54.1	41.5	37.2	35.2	32.0
COMPE	416.9	22.1	10.8	10.8	3.6	23.2	26.5	27.3	28.4	29.3
<b>Canada</b>										
LVTs	8.8	11.5	8.1	-2.6	-16.0	2,673.1	2,879.2	3,012.8	2,871.8	2,533.7
<b>China</b>										
HVPS	nav	143.2	84.3	13.4	26.5	610.1	1,301.9	2,071.1	2,038.7	2,397.3
BEPS	nav	nav	2863.9	-78.0	125.5	nav	3.3	85.5	16.3	34.2
<b>France</b>										
TARGET2-BDF <sup>1</sup>	10.4	8.8	5.6	-31.9	-8.1	7,063.1	7,483.8	7,654.7	5,231.2	4,916.1
PNS <sup>1</sup>	-12.2	-6.8	7.7	-95.6	nav	906.4	822.7	858.2	38.3	nav
CORE <sup>2</sup>	2.2	3.8	1.3	-1.5	-5.0	275.5	278.5	273.1	270.0	262.4
<b>Germany</b>										
TARGET2-BBk <sup>1</sup>	7.5	7.0	50.7	-7.3	-22.8	6,176.9	6,480.8	9,551.5	8,922.1	7,146.1
RPS	-2.9	2.6	0.8	1.4	-2.9	93.7	94.3	93.0	95.0	95.8
<b>Hong Kong SAR</b>										
HKD CHATS	12.4	21.3	47.8	-14.9	-31.9	8,401.7	9,742.4	13,416.8	11,472.0	8,115.1
USD CHATS	15.9	-3.3	33.5	14.1	-16.2	893.2	825.9	1,027.3	1,178.1	1,026.1
EUR CHATS	81.4	-20.5	18.5	-37.0	-21.9	237.6	180.6	199.4	126.3	102.5
<b>India</b>										
RTGS	170.8	52.8	41.0	9.1	10.3	0.3	0.4	0.6	0.6	0.6
Cheque Clearing	3.4	1.4	6.1	-14.1	-24.7	0.3	0.3	0.3	0.2	0.2
ECS / NECS	87.2	128.9	629.5	-81.7	2.6	0.0	0.0	0.0	0.0	0.0
NEFT	7.1	20.6	72.9	65.7	46.6	0.0	0.0	0.0	0.0	0.0
<b>Italy</b>										
TARGET2-BDI	14.6	12.4	9.3	-5.7	-22.2	2,300.2	2,542.3	2,724.0	2,623.3	2,121.6
BI-COMP	3.3	4.2	-2.3	-1.3	-10.9	222.4	228.0	218.3	219.9	203.6
<b>Japan</b>										
BOJ-NET	6.3	16.9	16.2	-1.2	-6.5	4,314.1	5,000.3	5,720.1	5,857.2	5,786.2
FXYS	-6.2	9.6	27.3	-9.3	-37.8	801.9	871.5	1,092.6	1,027.1	674.5
Zengin System	4.1	5.4	6.2	0.9	-9.3	466.3	487.3	509.7	532.7	510.5
Tokyo Clearing House	-14.6	-10.5	-2.9	-7.2	-11.6	72.5	64.3	61.5	59.1	55.3
<b>Korea</b>										
BOK-Wire+	8.9	3.6	12.5	11.6	3.9	3,486.5	3,513.5	3,777.0	4,191.8	4,324.9
Check Clearing System	-5.2	2.0	13.9	12.1	2.3	416.7	413.6	450.1	502.1	510.0
Interbank Shared Networks	14.5	18.8	16.5	10.0	10.1	577.6	667.9	743.3	813.0	888.2

For the footnotes regarding the systems, see after Comparative Table PS4.

Table PS3 (cont)

System	Increase in the real value of transactions (% change on previous year, adjusted by CPI inflation)					Value of transactions as a percentage of GDP (in %)				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
<b>Mexico</b>										
SPEI	nav	20.5	11.5	1.5	-15.5	1,010.3	1,124.5	1,208.0	1,190.8	1,086.9
CECOBAN	nav	7.2	2.4	0.6	-16.6	39.1	38.7	38.1	37.3	33.6
<b>Netherlands</b>										
TARGET2-NL	1.9	2.6	20.1	47.5	7.4	5,978.8	5,924.1	6,829.2	9,876.4	11,166.1
Equens	4.3	7.3	-4.5	-4.2	-3.9	378.4	392.3	359.8	337.8	341.7
<b>Russia</b>										
BESP System	nav	nav	nav	nav	4655.8	nav	nav	nav	5.0	274.8
VER	nav	28.6	55.4	-0.4	-6.0	711.6	801.1	1,128.0	1,025.9	1,115.4
MER	nav	29.5	22.0	12.4	-27.8	167.1	189.3	209.3	214.8	179.4
Payments using letters of advice	nav	-75.8	-5.9	72.9	-63.2	18.8	4.0	3.4	5.4	2.3
<b>Saudi Arabia</b>										
SARIE	25.6	33.5	133.8	-3.1	62.4	857.3	1,035.5	2,334.3	2,008.2	4,344.3
<b>Singapore</b>										
MEPS	27.2	3.8	13.3	-0.3	-16.5	6,315.4	6,083.6	6,281.2	6,306.1	5,147.6
SGDCCS	4.7	14.0	31.3	-13.3	-8.0	203.9	215.6	257.7	225.0	202.1
USDCCS	21.5	8.5	3.9	4.1	-7.0	20.3	20.5	19.4	20.3	18.4
IBG	9.7	12.5	19.5	7.5	1.6	67.2	70.2	76.4	82.7	82.1
EFTPOS	17.1	23.0	15.8	6.9	nav	4.8	5.5	5.8	6.2	nav
<b>South Africa</b>										
SAMOS - large	nav	-3.0	12.1	13.0	-22.2	3,539.2	3,230.1	3,458.4	3,780.5	2,966.1
SAMOS - retail	nav	9.3	6.8	1.0	-8.6	275.7	283.5	289.2	282.6	260.5
<b>Sweden</b>										
E-RIX	15.8	-12.5	nav	nav	nav	75.3	62.9	nav	nav	nav
K-RIX	2.6	10.6	-3.1	7.6	25.4	4,014.4	4,236.7	3,930.7	4,263.0	5,650.8
Bankgirot	11.6	11.7	-88.5	915.6	-3.9	186.4	198.8	21.9	224.7	228.2
Dataclearing	-7.8	4.2	14.9	nav	nav	62.1	61.7	67.9	nav	nav
<b>Switzerland</b>										
SIC	-3.2	8.1	15.8	8.4	-1.6	8,852.2	9,139.5	10,033.4	10,665.9	10,616.1
<b>Turkey</b>										
TIC-RTGS	nav	75.0	10.6	10.4	1.5	1.2	2.0	2.1	2.3	2.5
BKM	nav	8.3	15.1	15.2	7.9	6.7	6.8	7.7	8.6	9.9
ICH	nav	9.9	8.0	-3.5	-19.6	0.0	0.0	0.0	0.0	0.0
<b>United Kingdom</b>										
CHAPS Euro	12.6	12.1	8.6	-86.5	nav	2,934.2	3,177.1	3,338.4	453.3	nav
CHAPS Sterling	-1.8	9.8	13.7	2.5	-19.2	4,138.5	4,390.5	4,831.3	4,985.6	4,261.6
Cheque/credit	-6.9	-0.9	-3.6	-10.2	-20.7	99.6	95.4	89.0	80.4	67.5
BACS	7.0	6.4	5.3	3.0	-4.3	251.0	258.0	262.8	272.7	276.1
<b>United States</b>										
CHIPS	-1.7	9.6	20.0	1.0	-28.3	2,768.3	2,944.8	3,453.5	3,540.7	2,580.6
Fedwire	5.2	7.3	14.2	8.5	-16.4	4,103.0	4,273.8	4,769.4	5,254.2	4,470.0
<b>European Union<sup>6</sup></b>										
TARGET	7.6	6.9	22.5	-12.3	-13.4	6,054.0	6,293.8	7,478.2	6,606.4	5,927.2
EURO1 / STEP1	-4.9	10.0	18.2	22.1	-11.5	526.1	562.8	645.4	793.7	727.9
STEP2 XCT Service <sup>3</sup>	69.1	150.8	32.0	-15.5	-29.0	1.3	3.1	4.0	3.4	2.5
STEP2 ICT Service <sup>4</sup>	nav	nav	nav	27.0	-8.9	nav	nav	11.0	14.1	13.3
STEP2 SCT Service <sup>5</sup>	nav	nav	nav	nav	75.4	nav	nav	nav	3.2	5.8

For the footnotes regarding the systems, see after Comparative Table PS4.

**Table PS4**  
**Participation in selected interbank funds transfer systems**  
*(end of year)*

System	Total number of participants					of which: direct participants				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
<b>Australia</b>										
RITS	60	62	63	68	70	57	58	58	62	61
<b>Belgium</b>										
TARGET2-BE	85	85	88	51	50	15	16	16	9	10
Clearing house	82	81	79	73	73	25	25	24	24	24
CEC	83	83	81	76	76	22	21	21	20	20
<b>Brazil</b>										
STR	142	143	136	139	136	142	143	136	139	136
SITRAF	95	98	96	95	89	95	98	96	95	89
BmfBovespa-FX	81	81	75	73	70	81	81	75	73	70
SILOC	137	138	131	135	132	137	138	131	135	132
COMPE	123	118	114	116	120	123	118	114	116	120
<b>Canada</b>										
LVTS	86	85	87	85	88	15	15	15	15	15
<b>China</b>										
HVPS	54,811	61,276	70,589	80,516	89,028	1,351	1,410	1,494	1,584	1,664
BEPS	nap	61,131	70,444	80,371	88,882	nap	1,408	1,492	1,582	1,661
<b>France</b>										
TARGET2-BDF <sup>1</sup>	167	160	118	277	293	144	130	88	65	83
PNS <sup>1</sup>	45	50	50	nap	nap	17	16	16	nap	nap
CORE <sup>2</sup>	595	579	564	424	423	13	13	12	12	11
<b>Germany</b>										
TARGET2-BBk <sup>1</sup>	8,420	8,513	2,928	2,891	2,787	171	191	188	203	184
RPS	267	252	237	256	223	267	252	237	256	223
<b>Hong Kong SAR</b>										
HKD CHATS	129	130	136	142	141	129	130	136	142	141
USD CHATS	230	222	231	226	229	68	68	74	76	80
EUR CHATS	45	47	48	50	50	23	25	28	30	30
<b>India</b>										
RTGS	117	106	105	106	119	117	106	105	106	119
Cheque Clearing	115	115	115	115	211	115	115	115	115	115
ECS / NECS	nav	nav	nav	114	117	nav	nav	nav	114	117
NEFT	22	56	85	89	95	22	56	85	89	95
<b>Italy</b>										
TARGET2-BDI	762	767	783	480	479	118	119	110	95	100
BI-COMP	720	740	817	339	338	137	132	124	123	115
<b>Japan</b>										
BOJ-NET	594	584	577	568	560	594	584	577	568	560
FXYCS	225	219	217	215	212	32	29	29	27	27
Zengin System	1,579	1,533	1,491	1,428	1,396	146	145	146	145	144
Tokyo Clearing House	354	347	343	334	329	106	105	105	105	105
<b>Korea</b>										
BOK-Wire+	124	123	123	130	130	124	123	123	130	130
Check Clearing System	21	23	23	26	52	21	23	23	26	52
Interbank Shared Networks	29	29	29	30	56	29	29	29	30	56

For the footnotes regarding the systems, see after this table.



Table PS4 (cont)

System	Total number of participants					of which: direct participants				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
<b>Mexico</b>										
SPEI	34	44	67	77	81	34	44	67	77	81
CECOBAN	26	24	23	23	26	26	24	23	23	26
<b>Netherlands</b>										
TARGET2-NL	155	148	132	0	103	102	99	90	0	61
Equens	68	61	57	56	53	68	61	57	56	53
<b>Russia</b>										
BESP System	nap	nap	nap	739	1,155	nap	nap	nap	739	1,155
VER	3,986	4,050	4,087	4,123	3,948	3,986	4,050	4,087	4,123	3,948
MER	3,985	4,050	4,087	4,123	3,940	3,985	4,050	4,087	4,123	3,940
Payments using letters of advice	4,110	4,174	4,203	4,143	3,957	4,110	4,174	4,203	4,143	3,957
<b>Saudi Arabia</b>										
SARIE	15	17	18	20	21	15	17	18	20	21
<b>Singapore</b>										
MEPS	111	110	118	119	135	64	57	58	60	63
SGDCCS	61	60	63	61	63	34	33	34	34	34
USDCCS	43	44	44	45	46	32	31	31	32	31
IBG	39	39	42	38	43	36	35	35	31	37
EFTPOS	4	4	4	4	nav	4	4	4	4	nav
<b>South Africa</b>										
SAMOS - large	22	21	22	22	24	22	21	22	22	24
SAMOS - retail	21	20	21	21	23	21	20	21	21	23
<b>Sweden</b>										
E-RIX	21	20	21	21	23	21	20	21	21	23
K-RIX	11	10	nap	nap	nap	11	10	nap	nap	nap
Bankgirot	19	20	19	19	20	19	20	19	19	20
Dataclearing	19	20	19	19	nav	19	20	19	19	nav
<b>Switzerland</b>										
SIC	325	330	346	356	376	325	330	346	356	376
<b>Turkey</b>										
TIC-RTGS	50	48	48	48	48	50	48	48	48	48
BKM	34	34	32	32	32	34	34	32	32	32
ICH	42	42	42	41	40	42	42	42	41	40
<b>United Kingdom</b>										
CHAPS Euro	nav	nav	nav	nav	nav	19	19	13	0	nav
CHAPS Sterling	nav	nav	nav	nav	nav	15	15	15	15	15
Cheque/credit	434	nav	nav	nav	nav	11	11	12	12	12
BACS	65,013	65,015	65,015	63,515	60,615	13	15	15	15	15
<b>United States</b>										
CHIPS	48	46	45	47	48	nav	nav	nav	nav	nav
Fedwire <sup>6,7</sup>	7,893	7,669	7,409	7,292	7,329	nav	nav	nav	nav	nav
<b>European Union</b>										
TARGET	10,198	10,293	4,736	4,558	4,532	1,059	1,074	1,053	935	981
EURO1 / STEP1	267	303	312	316	283	267	303	312	316	283
STEP2 XCT Service <sup>3</sup>	1,625	1,728	1,792	1,802	1,817	97	107	108	106	105
STEP2 ICT Service <sup>4</sup>	nav	nav	57	65	78	nav	nav	9	8	7
STEP2 SCT Service <sup>5</sup>	nav	nav	nav	4,138	4,472	nav	nav	nav	114	117
<i>Memo:</i>										
<b>CLS</b>	57	57	57	60	59	55	55	55	58	57

For the footnotes regarding the systems, see after this table.

Table PS4 (cont)

System	Concentration ratio in terms of volume (in %)					Concentration ratio in terms of value (in %)				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
<b>Australia</b>										
RITS	73.1	73.2	72.7	72.8	73.2	63.2	62.8	61.1	60.5	60.4
<b>Belgium</b>										
TARGET2-BE	84.0	84.0	84.0	90.0	92.8	90.0	90.0	91.0	93.3	89.4
Clearing house	85.0	85.3	84.1	83.9	82.1	90.5	90.3	88.5	88.0	86.1
CEC	82.0	81.8	81.7	81.8	81.4	81.5	82.0	82.4	82.6	82.2
<b>Brazil</b>										
STR	31.5	30.1	36.4	34.2	32.6	47.3	42.6	44.0	47.0	56.0
SITRAF	54.6	54.3	54.7	59.0	58.9	71.4	70.3	72.2	73.7	72.9
BmfBovespa-FX	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
SILOC	64.8	65.4	66.9	68.8	70.4	64.9	66.4	67.9	70.0	71.2
COMPE	64.9	65.6	67.2	69.8	71.8	63.0	63.7	65.4	68.1	69.9
<b>Canada</b>										
LVTS	83.1	82.9	83.0	82.5	81.4	77.0	77.7	76.8	75.8	71.3
<b>China</b>										
HVPS	63.7	62.5	61.7	62.0	61.0	59.4	58.3	54.9	46.2	46.9
BEPS	nav	72.3	66.4	63.1	63.2	nav	89.5	98.6	66.5	59.0
<b>France</b>										
TARGET2-BDF <sup>1</sup>	46.2	44.4	47.0	53.3	53.9	51.2	56.2	58.2	61.9	61.6
PNS <sup>1</sup>	62.3	65.6	66.2	62.5	nav	62.0	69.6	68.9	69.4	nav
CORE <sup>2</sup>	60.5	62.1	68.3	69.2	67.8	59.3	60.3	64.8	67.3	74.6
<b>Germany</b>										
TARGET2-BBk <sup>1</sup>	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.4	0.3
RPS	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.1	0.2
<b>Hong Kong SAR</b>										
HKD CHATS	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
USD CHATS	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
EUR CHATS	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
<b>India</b>										
RTGS	nav	nav	40.0	41.0	33.0	nav	nav	47.0	46.0	46.0
Cheque Clearing	nav	45.0	39.0	32.0	25.0	nav	96.0	90.0	92.0	87.0
ECS / NECS	nav	4.8	5.4	5.6	4.5	nav	0.9	5.6	1.2	1.6
NEFT	nav	0.2	0.4	0.7	1.2	nav	0.6	0.9	1.9	3.4
<b>Italy</b>										
TARGET2-BDI	51.5	48.7	48.9	59.1	55.3	48.1	45.3	50.7	52.8	57.7
BI-COMP	44.1	44.3	46.0	54.3	52.0	38.7	38.6	43.9	50.4	52.0
<b>Japan</b>										
BOJ-NET	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
FXYCS	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Zengin System	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Tokyo Clearing House	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
<b>Korea</b>										
BOK-Wire+	31.2	29.0	28.9	29.7	29.6	31.0	30.9	35.7	37.6	35.9
Check Clearing System	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Interbank Shared Networks	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav

For the footnotes regarding the systems, see after this table.

Table PS4 (cont)

System	Concentration ratio in terms of volume (in %)					Concentration ratio in terms of value (in %)				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
<b>Mexico</b>										
SPEI	81.5	88.0	83.8	80.4	81.0	77.0	79.3	77.1	72.7	71.4
CECOBAN	86.5	85.5	84.9	83.1	82.5	77.1	76.3	75.4	72.6	75.8
<b>Netherlands</b>										
TARGET2-NL	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.4	0.5
Equens	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.9
<b>Russia</b>										
BESP System	nap	nap	nap	71.4	63.6	nap	nap	nap	97.0	98.0
VER	nap	nap	nap	nap	nap	nap	nap	nap	nap	nap
MER	nap	nap	nap	nap	nap	nap	nap	nap	nap	nap
Payments using letters of advice	nap	nap	nap	nap	nap	nap	nap	nap	nap	nap
<b>Saudi Arabia</b>										
SARIE	nap	74.3	77.9	80.1	79.9	nap	68.0	66.0	68.2	81.4
<b>Singapore</b>										
MEPS	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
SGDCCS	87.9	87.8	88.2	87.8	88.3	81.9	82.2	83.6	82.3	86.0
USDCCS	72.5	72.9	74.4	74.5	76.1	66.4	68.5	69.5	70.1	74.5
IBG	88.6	88.1	87.3	86.4	87.1	80.2	79.3	80.1	80.2	81.7
EFTPOS	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
<b>South Africa</b>										
SAMOS - large	85.7	85.4	87.1	89.9	88.7	87.7	83.9	84.9	84.4	84.9
SAMOS - retail	57.8	58.3	60.1	60.9	59.9	97.5	97.5	97.2	96.9	96.6
<b>Sweden</b>										
E-RIX	98.4	98.3	nap	nap	nap	99.6	99.6	nap	nap	nap
K-RIX	85.5	86.0	86.5	87.0	87.5	80.3	77.4	78.2	78.9	79.7
Bankgirot	nap	nap	nap	nap	nap	nap	nap	nap	nap	nap
Dataclearing	nap	nap	nap	nap	nap	nap	nap	nav	nap	nap
<b>Switzerland</b>										
SIC	62.2	63.1	62.4	62.3	62.0	69.5	68.7	68.2	67.3	73.2
<b>Turkey</b>										
TIC-RTGS	56.7	56.4	57.5	59.8	60.6	60.3	66.3	64.3	62.9	64.4
BKM	79.0	79.1	77.1	75.0	71.3	76.8	75.9	71.5	68.5	65.3
ICH	47.3	49.0	50.8	44.0	51.9	50.8	52.2	52.1	51.3	45.5
<b>United Kingdom</b>										
CHAPS Euro	72.0	73.0	74.0	70.0	nav	79.0	80.0	80.0	77.0	nav
CHAPS Sterling	79.0	80.0	79.0	79.0	79.0	78.0	78.0	77.0	75.0	74.0
Cheque/credit	78.0	76.0	75.0	75.0	75.0	78.0	77.0	77.0	77.0	77.0
BACS	76.0	76.0	79.0	76.0	78.0	nav	nav	nav	nav	nav
<b>United States</b>										
CHIPS	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Fedwire	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
<b>European Union</b>										
TARGET	22.6	23.8	21.4	nav	nav	19.9	18.8	20.4	16.0	nav
EURO1 / STEP1	26.2	28.7	30.5	29.8	30.7	45.0	45.7	46.1	45.4	46.7
STEP2 XCT Service <sup>3</sup>	33.7	29.6	27.0	29.5	34.9	31.7	26.8	25.1	28.8	30.2
STEP2 ICT Service <sup>4</sup>	nav	nav	91.9	96.2	99.3	nav	nav	85.0	96.1	99.2
STEP2 SCT Service <sup>5</sup>	nav	nav	nav	37.0	25.0	nav	nav	nav	29.6	22.5

For the footnotes regarding the systems, see after this table.

## Footnotes for Tables PS1–4

**Australia:** <sup>1</sup> Australian eastern standard time. <sup>2</sup> Australian eastern daylight-saving time.

**Brazil:** <sup>1</sup> Any financial institution holding a reserve account or a settlement account at the Central Bank of Brazil. <sup>2</sup> The system is owned by CIP, a non-for-profit association owned by banks. <sup>3</sup> Any bank holding a reserve account at the Central Bank of Brazil. <sup>4</sup> The system is owned by BMFBOVESPA, which is a for-profit company. <sup>5</sup> Any bank authorised by the Central Bank of Brazil to carry out FX transactions and holding a reserve account at the Central Bank of Brazil. <sup>6</sup> Payments become final at the moment settlement is completed by the system, which occurs throughout the day. <sup>7</sup> T and T+1 are also possible, but the relevant volume and value are very low. <sup>8</sup> The time of settlement finality depends on the value of the cleared documents.

**Canada:** <sup>1</sup> Final settlement occurs at 18:30. However, due to the risk controls in place, the LVTS provides intraday settlement finality. <sup>2</sup> No standard hours.

**China:** <sup>1</sup> Payment orders are submitted for settlement during the day at the designated time.

**France:** <sup>1</sup> Since 18 February 2008, TBF (the French component of TARGET) and PNS have been replaced by TARGET2-Banque de France, the single French large value payment system. <sup>2</sup> Launched on 28 January 2008, CORE progressively replaced the former retail payment infrastructure SIT, closed on 25 October 2008.

**Germany:** <sup>1</sup> Before November 2007, the figures are reported for RTGS<sup>plus</sup>, including traffic from Slovenia, Malta and Cyprus. <sup>2</sup> For legacy credit transfers. Payments submitted after 7:00 are settled on the next banking business day. <sup>3</sup> For legacy direct debits and BSE cheque collection procedure. Payments submitted after 9:00 are settled on the next banking business day. <sup>4</sup> For ISE cheque collection procedure. <sup>5</sup> For SEPA credit transfers. Payments submitted after 12:00 are settled on the next banking business day. <sup>6</sup> For SEPA direct debits.

**Hong Kong SAR:** <sup>1</sup> Hong Kong Interbank Clearing Limited, the system operator of HKD CHATS, USD CHATS and EUR CHATS in Hong Kong. It is jointly owned by the Hong Kong Monetary Authority and the Hong Kong Association of Banks. <sup>2</sup> The money market in Hong Kong can operate any time in a day but for same day settlement in Hong Kong, a transaction has to be submitted to one of the CHATS for processing between 08:30 and 18:30.

**India:** <sup>1</sup> For ECS. <sup>2</sup> For NECS.

**Italy:** <sup>1</sup> Transfer orders are legally enforceable and binding on third parties when the system completes the gathering of the transfer orders or the bilateral balances stemming from the two BI-COMP subsystems ("Local Clearing" and "Retail").

**Japan:** <sup>1</sup> FXYCS payments were incorporated into Next Generation RTGS of BOJ-NET in October 2008. <sup>2</sup> Processing costs of transfer orders are recovered from the participants, but development and maintenance costs of BOJ-NET are covered by the Bank of Japan. <sup>3</sup> Cut-off time is extended to 19:00 only for participants approved by the Bank of Japan for the use of extended operating hours between 17:00 and 19:00. <sup>4</sup> According to the guideline of FXYCS, all payments except CLS payments are submitted to the system by 14:00. <sup>5</sup> Cut-off time for bills and cheques sorted by banks. Bills and cheques for sorting at TCH must be submitted by 21:00 of the day before the value date. <sup>6</sup> With the consent of the receiving bank, third party orders may be entered for same day settlement until the cut-off time of the system. <sup>7</sup> 19:00 for market participants with access to the extended operating hours of BOJ-NET.

**Korea:** <sup>1</sup> For Interbank Funds Transfer System. <sup>2</sup> For CD/ATM System and Electronis Banking System. <sup>3</sup> For CMS System.

**Mexico:** <sup>1</sup> SPEI opens at 19:00 of the previous day, and mostly CLS and government payments are settled before 07:45.

**Netherlands:** <sup>1</sup> In principle; sometimes less.

**Poland:** <sup>1</sup> The clearing subsystems of the Bank of Poland payment system (GPI, PPI) in the Moscow region. <sup>2</sup> In certain low amount of payments is not processed centrally due to technical issues. <sup>3</sup> Moscow time. <sup>4</sup> Local time of the regional subsystem. <sup>5</sup> Cut-off time of third-party orders depends on the time schedule of the regional subsystem, through which associated participants send payments to the BEPS system (for direct participants it is 21:00 Moscow time regardless of their location). Thus cut-off time for orders of participants in the BEPS system is not earlier than 17:00 local time. Additional time limits for cut-off of third-party orders may be set by agreements between participants of the BRPS and their customers. <sup>6</sup> Opening and closing hours are given for stock and money markets. For the OTC market opening and closing hours may be

different. <sup>7</sup> Not earlier than 17:00. VER systems operate at regional level according to local time. <sup>8</sup> In the MER system payments are carried out on a gross basis with intraday finality, except for settlements between regions located in remote time zones, which have finality no later than the next day (T+1). <sup>9</sup> Local time. In some selected regions, the closing time can be extended. <sup>10</sup> T+2 at the latest for intraregional transactions, T+5 at the latest for interregional transactions. Letters of advice take an average time of 3.22 days for ensuring payments, calculated taking into account the number of (manual) operational steps involved in the intraregional and interregional settlement of postal and telegraphic letters of

**Singapore:** <sup>1</sup> Where they differ, times for Saturdays are shown in brackets. <sup>2</sup> MEPS does not impose a cut-off time for third-party/international correspondents' payments, but the Association of Banks in Singapore (ABS) bye-laws on MEPS require all such payments to be made by 17:30 on Mondays-Fridays and 12:30 on Saturdays. <sup>3</sup> On weekend transaction submissions, settlement occurs on the following Monday.

**South Africa:** <sup>1</sup> Volumes of transactions in retail payment streams are settled in batches. Thus, volumes recorded by the system represent the number of batches and not actual transactions settled.

**Sweden:** <sup>1</sup> No same day transaction. <sup>2</sup> Payments become final on completion of settlement, which occurs throughout the day. <sup>3</sup> The settlement points for the different flows are spread out between 07:15 and 16:20. <sup>4</sup> The settlement points for the different flows are spread out between 07:15 and 15:20.

**Switzerland:** <sup>1</sup> The system is open for input 24 hours a day. Settlement services are limited by the indicated opening and closing times. A value day starts at 17:00 local time on the previous business day and ends at 16:15 on the value day. Third-party payments may be entered for same day settlement until 15:00. Between 15:00 (cutoff 1) and 16:00 (cutoff 2) only cover (bank-to-bank) payments are accepted for same day settlement. From 16:00 to 16:15 transactions are restricted to the processing of Liquidity-Shortage Financing Facility (special-rate repo transactions, collateralised loans from the Swiss National Bank at a penalty rate).

**United Kingdom:** <sup>1</sup> In net settlement, the payment becomes final and irrevocable once details of the payment have been entered into the Interbank Data Exchange (IBDE). <sup>2</sup> In net settlement, the payment becomes final when the payment has had an effect on the bilateral net

**Footnotes for Tables PS1–4 (cont)**

**United States:** <sup>1</sup> Local times are Eastern time. <sup>2</sup> CHIPS, the Clearing House Interbank Payments System, is owned by the Clearing House. <sup>3</sup> Any depository institution, including a US branch or agency of a foreign bank, may maintain an account with a Federal Reserve Bank. <sup>4</sup> Payments over CHIPS become final on completion of settlement, which occurs throughout the day. <sup>5</sup> Trading occurs among dealers for funds on deposit at Federal Reserve Banks (ie federal funds) as early as 06:30. <sup>6</sup> Number of depository institutions that used the Fedwire Funds Transfer Service in 2004. Other Fedwire Funds Transfer participants not included here are: the US Treasury and any entity specifically authorised by federal statute to use the Reserve Banks as fiscal agents or depositories; entities designated by the Secretary of the Treasury; foreign central banks, foreign monetary authorities, foreign governments and certain international organisations. <sup>7</sup> Data prior to 2004 have been revised.

**European Union:** <sup>1</sup> All times are Central European Time (CET). <sup>2</sup> STEP2 payments are settled in EURO1 at 07:30 CET. <sup>3</sup> STEP2 XCT Service commenced settlement transactions on 29 April 2003. <sup>4</sup> STEP2 ICT Service commenced settlement transactions in November 2006. Data are available from 2007 onwards. <sup>5</sup> STEP2 SCT Service became operational on 28 January 2008. <sup>6</sup> Using euro area consumer price (HICP) inflation and GDP respectively.

**CLS:** <sup>1</sup> Includes some non-bank financial institutions. <sup>2</sup> Central European Time (CET). <sup>3</sup> Each side of the transaction is counted separately. Spot and forward transactions have two sides, while swaps have four. In trillions of US dollars.

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Table TRS1

## Features of selected exchanges and trading systems

(at end-2009)

System	Owner/ manager	Markets / products	Trading	Operating times	Relationship with CCP
<b>Australia</b>					
ASX	SE <sup>1</sup>	SEC: E, O; DER	ELT	10:00-16:00	int <sup>2</sup>
ASX 24	SE <sup>1</sup>	DER	ELT	17:10-07:00, 08:30-16:30 <sup>3</sup>	int <sup>4</sup>
<b>Belgium</b>					
Regulated off-exchange <sup>1</sup>	O	SEC: G	ELT	nap	nap
<b>Brazil</b>					
BmfBovespa-Equities <sup>1</sup>	SE	SEC: E, O; DER	ELT	10:00-17:00 <sup>2</sup>	int <sup>3</sup>
BmfBovespa-Derivatives <sup>1</sup>	SE	DER	ELT	9:00-18:00 <sup>4</sup>	int <sup>3</sup>
<b>Canada</b>					
TSX	SE <sup>1</sup>	SEC: B, E	ELT	09:30-16:00	par <sup>2</sup>
Montréal Exchange	SE <sup>1</sup>	DER	ELT	06:00-16:15 <sup>3</sup>	int <sup>4</sup>
ICE	O	DER	ELT	08:00-13:15	int <sup>5</sup>
<b>China</b>					
Shanghai Stock Exchange	SE	SEC: B, G, E, O; DER	ELT	09:15-11:30 <sup>1</sup> , 13:00-15:30 <sup>2</sup>	indep <sup>3</sup>
Shenzhen Stock Exchange	SE	SEC: B, G, E, O; DER	ELT	9:15-11:30, 13:00-15:00	indep <sup>3</sup>
<b>France</b>					
Euronext Paris	SE <sup>1</sup>	SEC: B, G, E, O; DER	ELT	09:00-17:30	indep <sup>2</sup>
<b>Germany</b>					
Xetra	SE <sup>1</sup>	SEC: E, O	ELT	09:00-17:30	
Frankfurt (Floor)	SE <sup>1</sup>	SEC: B, G, E, O	FLT	09:00-20:00	int <sup>2</sup>
Eurex	SE <sup>3</sup>	DER	ELT	07:30-22:00 <sup>4</sup>	
<b>Hong Kong SAR</b>					
Hong Kong Stock Exchange	SE	SEC: B, G, E; DER: O <sup>1</sup>	ELT	09:30-12:30 <sup>2</sup> , 12:30-14:30 <sup>2,3</sup> , 14:30-16:00 <sup>2</sup>	nav
<b>India</b>					
NDS	CB, O	SEC: G	ETL	09:00-17:00	nap
BSE: BOLT	SE	SEC: E, B; DER	ETL	09:00-15:30	int <sup>1</sup>
NSE: NEAT	SE	SEC: E, B; DER	ETL	09:00-15:30	int <sup>2</sup>
<b>Italy</b>					
Borsa Italiana	SE	SEC: B, G, O DER	ELT	08:00-1730 <sup>1</sup>	yes
MTS	SE	SEC: B, G	ELT	08:00-17:30	yes
PCT	SE	SEC: B, G	ELT	07:45-18:30	yes
<b>Japan</b>					
Tokyo Stock Exchange (TSE)	B, O	SEC: B, G, E, O; DER	ELT	09:00-15:00	indep
Osaka Securities Exchange (OSE)	B, O	SEC: B, G, E, O; DER	ELT	09:00-15:10	indep <sup>1</sup> ; int <sup>2,3</sup>
Tokyo Financial Exchange (TFX)	B, O	DER	ELT	08:45-15:30	int <sup>4</sup>
<b>Korea</b>					
Korea Exchange(KRX)	O	SEC: B, G, E, O; DER	ELT	09:00-15:00 <sup>1</sup> , 09:00-15:15 <sup>2</sup>	int <sup>3</sup>
<b>Mexico</b>					
BMV	SE	SEC: E	ELT	08:30-15:00	par <sup>1</sup>
Mexder	SE, O	DER	ELT	07:30-15:00	int <sup>2</sup>
<b>Netherlands</b>					
Euronext Amsterdam	SE <sup>1</sup>	nav	nav	09:00-17:00	nav
<b>Russia</b>					
MICEX	CB, B, O	SEC: B, G, E, O; DER <sup>1</sup>	ELT	10:00-19:00	nap
MICEX SE	B, SE, O	SEC: B, E, O; DER	ELT	10:00-19:00	nap
RTS	O	SEC: B, E, O; DER	ELT	10:15-18:45, 19:00-23:50 <sup>2</sup>	par <sup>3</sup>

For the footnotes regarding the systems, see after this table.

Table TRS1 (cont)

System	Owner/ manager	Markets / products	Trading	Operating times	Relationship with CCP
<b>Saudi Arabia</b>					
Tadawul	SE	SEC: B, E	ELT	11:00 - 15:30	nap
<b>Singapore</b>					
SGX	SE	SEC: B, E, O	ELT	09:00-12:30, 14:00-17:00 <sup>1</sup>	indep
SGS	CB	SEC: G	ELT	09:00-11:30, 14:00-16:30	int
<b>South Africa</b>					
Johannesburg Stock Exchange (JSE)	SE	SEC: B, E	ELT	09:00-17:00	nap
<b>Sweden</b>					
NASDAQ OMX Stockholm	SE <sup>1</sup>	SEC: B, G, E, O; DER	ELT	09:00-17:30	int <sup>2</sup>
<b>Switzerland</b>					
SIX Swiss Exchange	B, CB <sup>1</sup>	SEC: B, G, E, O; DER	ELT	08:30-17:30	int <sup>2</sup> ; indep <sup>3</sup>
<b>Turkey</b>					
Istanbul Stock Exchange	SE	SEC: B, G, E, O	ELT, FLT	9:30-17:30 <sup>1</sup> , 09:30- 17:00 <sup>2</sup>	nap
Turkish Derivatives Exchange	B, O, SE <sup>3</sup>	DER	ELT	09:15-17:35	indep <sup>4</sup>
<b>United Kingdom</b>					
London Stock Exchange	nav	nav	nav	nav	nav
Virt-x	nav	nav	nav	nav	nav
<b>United States<sup>1</sup></b>					
New York Stock Exchange	O	SEC: E, O; DER	FLT, ELT	09:30-16:00	indep <sup>2</sup>
Nasdaq	O	SEC: E, O	ELT	09:30-16:00	indep <sup>2</sup>
American Stock Exchange	SE	SEC: E, O; DER	FLT	09:30-16:00	indep <sup>2</sup>

**Australia:** <sup>1</sup> ASX Group. <sup>2</sup> ASX Clear. <sup>3</sup> Market hours vary for individual products and depending on whether daylight saving time is in place.

<sup>4</sup> ASX Clear (Futures).

**Belgium:** <sup>1</sup> Rentefonds.

**Brazil:** <sup>1</sup> "Megabolsa" and Global Trading System are the electronic trading platforms used in the equities market and derivatives market respectively. <sup>2</sup> Regular operating time, which is changed to 11:00-18:00 during the daylight saving time. <sup>3</sup> BmfBovespa. <sup>4</sup> General operating time. There are specific operating times for specific markets and products.

**Canada:** <sup>1</sup> TSX Group and Montréal Exchange Inc. merged to create TMX Group in 2008. <sup>2</sup> CDS. <sup>3</sup> Market hours vary for individual product classes. <sup>4</sup> CDCC. <sup>5</sup> ICE.

**China:** <sup>1</sup> 9:15-9:25 for call auction. <sup>2</sup> 15:00-15:30 for block trading. <sup>3</sup> SD&C.

**France:** <sup>1</sup> Euronext has a credit institution's status. <sup>2</sup> LCH.Clearnet SA.

**Germany:** <sup>1</sup> Deutsche Börse AG. <sup>2</sup> Eurex Clearing AG. <sup>3</sup> Deutsche Börse AG (50%) and SIX Swiss Exchange (50%). <sup>4</sup> Depending on instruments.

**Hong Kong SAR:** <sup>1</sup> Equities include ordinary shares, preference shares, registered warrants, provisional allotment letters representing nil paid rights; structured products include derivative warrants, equity linked instruments, callable bull/bear contracts; bonds include Exchange Fund notes, Hong Kong SAR retail bonds and Hong Kong SAR Link Retail Bonds; unit trust funds includes Exchange Traded Funds. <sup>2</sup> Before 10:00, auction session; after 10:00, continuous trading session. <sup>3</sup> For iShares only.

**India:** <sup>1</sup> BOISL and ICCL. <sup>2</sup> NSCCL.

**Italy:** <sup>1</sup> An afterhours session is scheduled for some markets.

**Japan:** <sup>1</sup> For securities. <sup>2</sup> For derivatives. <sup>3</sup> OSE. <sup>4</sup> TFX.

**Korea:** <sup>1</sup> For securities. <sup>2</sup> For derivatives. <sup>3</sup> KRX.

**Mexico:** <sup>1</sup> CCV. <sup>2</sup> Asigna.

**Netherlands:** <sup>1</sup> NYSE Euronext.

**Russia:** <sup>1</sup> Trading: bonds, government securities, derivatives; clearing: all instruments (including equity and shares). <sup>2</sup> Additional trading session at stock exchange with T+4 settlement and in Derivatives market section. <sup>3</sup> RTS CC.

**Singapore:** <sup>1</sup> SGX has a pre-opening routine where orders entered from 08:30 to 08:59 are matched between 08:59 to 09:00 before trading

**Sweden:** <sup>1</sup> OMX AB. <sup>2</sup> OMX Derivatives Markets, which is a secondary legal name for the OMX Nordic Exchange Stockholm AB.

**Switzerland:** <sup>1</sup> The Swiss National Bank owns an immaterial number of shares of SIX Group. <sup>2</sup> SIS x-clear AG. <sup>3</sup> LCH.Clearnet Ltd.

**Turkey:** <sup>1</sup> For equities only. No trading between 12:30-14:00. <sup>2</sup> For bonds, government securities only. No trading between 12:00-13:00. <sup>3</sup> Istanbul Stock Exchange is a shareholder (18%) of the Turkish Derivatives Exchange. <sup>4</sup> Takasbank, a CCP, is also a shareholder (3%) of the Turkish Derivatives Exchange.

**United States:** <sup>1</sup> Local times are Eastern time. <sup>2</sup> NSCC.

Table TRS2

## Trades executed on selected exchanges and trading systems: number of transactions

(total for the year)

System	Number of transactions (millions)					Increase in the number of transactions (% change on previous year)				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
<b>Australia</b>										
ASX	25.8	38.2	69.2	107.14	116.49	nav	48.4	81.0	54.8	8.7
ASX 24	64.3	80.0	92.7	76.08	64.58	nav	24.3	16.0	-17.9	-15.1
<b>Belgium</b>										
Regulated off-exchange	nav	0.08	0.08	0.08	0.09	nav	nav	1.3	3.4	9.6
<b>Brazil</b>										
BmfBovespa-Equities	15.7	21.8	38.0	61.57	82.33	16.3	39.1	74.4	62.0	33.7
BmfBovespa-Derivatives	2.8	4.0	5.7	7.14	9.58	nav	42.4	40.9	25.6	34.1
<b>Canada</b>										
TSX	58.9	92.6	127.6	186.8	195.5	34.2	57.1	37.9	46.4	4.6
Montréal Exchange	28.7	40.5	42.7	38.1	34.3	31.5	41.3	5.4	-10.9	-9.9
ICE	2.08	2.90	3.45	3.32	3.57	1.7	39.5	19.2	-3.8	7.5
<b>China</b>										
Shanghai Stock Exchange	228.5	536.1	1,813.6	1,520.5	2,314.0	nav	134.6	238.3	-16.2	52.2
Shenzhen Stock Exchange	153.9	310.2	956.0	713.8	1,288.4	nav	101.6	208.2	-25.3	80.5
<b>France</b>										
Euronext Paris	nav	74.8	106.9	133.1	111.8	nav	nav	42.8	24.5	-16.0
<b>Germany</b>										
Xetra	40.2	53.1	86.9	122.4	91.0	17.1	32.3	63.5	40.8	-25.6
Frankfurt (Floor)	50.4	81.7	88.9	30.6	19.5	22.3	62.0	8.8	-65.6	-36.3
Eurex	1,249	1,527	1,900	2,164	1,685	17.3	22.3	24.4	13.9	-22.2
<b>Hong Kong SAR</b>										
Hong Kong Stock Exchange	0.04	0.06	0.15	0.14	0.18	-0.7	73.7	136.6	-6.9	25.8
<b>India</b>										
NDS	0.1	0.1	0.2	0.3	0.4	-22.0	9.2	51.7	29.2	32.2
BSE: BOLT	264.0	346.2	530.3	540.8	605.6	11.2	31.1	53.2	2.0	12.0
NSE: NEAT	766.5	1,001.6	1,597.7	2,055.1	2,739.6	70.0	30.7	59.5	28.6	33.3
<b>Italy</b>										
Borsa Italiana	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
MTS	nav	0.31	0.34	0.18	0.13	nav	nav	9.8	-48.1	-24.0
PCT	nav	0.48	0.65	0.62	0.54	nav	nav	37.5	-4.9	-12.4
<b>Japan</b>										
TSE	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
OSE	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
TFX	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav



Table TRS2 (cont)

System	Number of transactions (millions)					Increase in the number of transactions (% change on previous year)				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
<b>Korea</b>										
KRX	2,593.05	2,474.63	2,777.42	2,867.28	3,102.87	0.2	-4.6	12.2	3.2	8.2
<b>Mexico</b>										
BMV	1.70	2.48	3.56	4.57	7.48	nav	45.6	43.8	28.3	63.5
Mexder	108.2	275.2	229.0	70.1	48.8	nav	154.4	-16.8	-69.4	-30.5
<b>Netherlands</b>										
Euronext Amsterdam	19.4	26.7	39.2	45.6	44.2	7.7	37.8	46.8	16.4	-3.3
<b>Russia</b>										
MICEX	0.03	0.06	0.12	0.20	0.18	nav	61.1	111.9	71.2	-13.0
MICEX SE	15.0	35.2	46.8	62.6	116.0	nav	135.1	32.7	33.9	85.3
RTS	34.5	89.8	145.1	239.9	477.7	nav	159.9	61.6	65.4	99.1
<b>Saudi Arabia</b>										
Tadawul	46.6	96.1	65.7	52.1	36.5	249.9	106.2	-31.7	-20.6	-30.1
<b>Singapore</b>										
SGX	21.0	29.2	27.9	22.7	22.8	-2.6	38.9	-4.6	-18.7	0.8
<b>South Africa</b>										
JSE	6.2	9.2	13.2	19.3	22.9	nav	48.2	43.8	46.1	18.4
<b>Sweden</b>										
OMX Stockholm	12	17	25	29	nav	12.2	48.8	42.4	15.5	nav
NASDAQ OMX Stockholm	0	0	0	0	0	nav	nav	nav	nav	nav
<b>Switzerland</b>										
SIX Swiss Exchange	4.32	5.68	8.71	7.84	33.27	25.0	31.5	53.4	-10.0	324.2
<b>Turkey</b>										
Istanbul Stock Exchange	44.5	46.0	48.9	46.4	69.2	nav	3.4	6.1	-5.1	49.2
Turkish Derivatives Exchange	1.8	6.8	24.9	54.5	79.4	nav	273.6	263.1	119.1	45.8
<b>United Kingdom</b>										
London Stock Exchange	66.3	81.2	nav	nav	nav	18.2	22.5	nav	nav	nav
Virt-x	10.2	12.5	nav	nav	nav	-0.5	22.6	nav	nav	nav
<b>United States</b>										
New York Stock Exchange	919	1,271	2,333	3,219	2,726	26.2	38.4	83.5	38.0	-15.3
Nasdaq	1,077	1,308	1,646	2,215	2,243	12.7	21.5	25.8	34.5	1.2
American Stock Exchange	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav

Table TRS3

## Trades executed on selected exchanges and trading systems: value of transactions

(total for the year)

System	Value of transactions (USD billions) <sup>1</sup>					Average value per transaction (USD thousands) <sup>1</sup>				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
<b>Australia</b>										
ASX	651	838	1,347	1,200	929	25.3	21.9	19.5	11.2	8.0
ASX 24	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
<b>Belgium</b>										
Regulated off-exchange	nav	742	912	872	910	nav	9,769.1	11,839.5	10,961.2	10,430.5
<b>Brazil</b>										
BmfBovespa-Equities	194	338	793	929	803	12.4	15.5	20.8	15.1	9.8
BmfBovespa-Derivatives	7,539	10,524	16,531	15,151	13,365	2,659	2,607	2,906	2,121	1,395
<b>Canada</b>										
TSX	905	1,285	1,627	1,730	1,244	15.4	13.9	12.7	9.3	6.4
Montréal Exchange	10,176	16,402	16,418	11,026	7,925	354.7	404.6	384.1	289.7	231.0
ICE	8.5	14.3	25.3	34.2	25.7	4.1	4.9	7.3	10.3	7.2
<b>China</b>										
Shanghai Stock Exchange	616	1,175	5,158	3,973	6,472	2.7	2.2	2.8	2.6	2.8
Shenzhen Stock Exchange	164	495	2,547	1,453	2,911	1.1	1.6	2.7	2.0	2.3
<b>France</b>										
Euronext Paris	nav	2,843	3,636	2,834	1,598	nav	38.0	34.0	21.3	14.3
<b>Germany</b>										
Xetra	1,398	1,998	3,344	3,818	1,746	34.8	37.6	38.5	31.2	19.2
Frankfurt (Floor)	904	1,287	1,710	1,767	433	17.9	15.8	19.2	57.8	22.2
Eurex	112,227	132,969	169,953	167,074	110,060	89.9	87.1	89.5	77.2	65.3
<b>Hong Kong SAR</b>										
Hong Kong Stock Exchange	582	1,080	2,781	2,268	2,004	15,712	16,798	18,279	16,015	11,250
<b>India</b>										
NDS	196.1	225.3	423.7	531.7	684.7	1,562.1	1,643.6	2,038.0	1,979.1	1,927.8
BSE: BOLT	185.0	210.9	382.4	253.4	284.9	0.70	0.61	0.72	0.47	0.47
NSE: NEAT	1,450	2,051.8	4,030.1	3,207.2	4,873.3	1.89	2.05	2.52	1.56	1.78
<b>Italy</b>										
Borsa Italiana	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
MTS	nav	2,052	2,278	1,278	1,013	nav	6,684	6,761	7,302	7,620
PCT	nav	17,589	24,252	25,173	23,902	nav	37,030	37,139	40,536	43,937
<b>Japan</b>										
TSE	4,511	5,853	6,475	5,636	4,045	nav	nav	nav	nav	nav
OSE	218	263	285	260	164	nav	nav	nav	nav	nav
TFX	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav

<sup>1</sup> Converted at yearly average exchange rates.

Table TRS3 (cont)

System	Value of transactions (USD billions) <sup>1</sup>					Average value per transaction (USD thousands) <sup>1</sup>				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
<b>Korea</b>										
Korea Exchange(KRX)	4,452	5,747	7,789	7,819	8,484	2	2	3	3	3
<b>Mexico</b>										
BMV	53	84	130	129	137	31.2	33.7	36.4	28.2	18.4
Mexder	988	2,518	2,108	656	383	9.14	9.15	9.21	9.35	7.85
<b>Netherlands</b>										
Euronext Amsterdam	715	1,213	1,936	1,213	629	36.9	45.4	49.4	26.6	14.2
<b>Russia</b>										
MICEX	108	195	971	1,191	1,059	3,120	3,487	8,183	5,868	5,999
MICEX SE	226	750	1,701	1,949	1,285	15.1	21.3	36.4	31.1	11.1
RTS	21	101	309	460	499	0.62	1.12	2.13	1.92	1.04
<b>Saudi Arabia</b>										
Tadawul	1,104	1,403	682	523	337	52.5	48.0	24.5	23.1	14.8
<b>Singapore</b>										
SGX	123	189	401	273	235	5.9	6.5	14.4	12.1	10.3
<b>South Africa</b>										
JSE	1,735	2,469	3,109	3,356	2,324	279.5	268.3	235.0	173.5	101.5
<b>Sweden</b>										
OMX Stockholm	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
NASDAQ OMX Stockholm	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
<b>Switzerland</b>										
SIX Swiss Exchange	244	268	340	327	1,008	56.5	47.3	39.0	41.8	30.3
<b>Turkey</b>										
Istanbul Stock Exchange	560	494	578	490	581	12.6	10.7	11.8	10.6	8.4
Turkish Derivatives Exchange	0.00	0.01	0.09	0.16	0.22	0.001	0.002	0.004	0.003	0.003
<b>United Kingdom</b>										
London Stock Exchange	8,576	9,567	nav	nav	nav	129.4	117.8	nav	nav	nav
Virt-x	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
<b>United States</b>										
New York Stock Exchange	17,859	21,790	29,909	28,080	17,562	19.4	17.1	12.8	8.7	6.4
Nasdaq	10,087	11,736	15,319	15,245	10,730	9.4	9.0	9.3	6.9	4.8
American Stock Exchange	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav

<sup>1</sup> Converted at yearly average exchange rates.

Table TRS3 (cont)

System	Increase in the real value of transactions (% change on previous year, adjusted by CPI inflation)					Value of transactions as a percentage of GDP (in %)				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
<b>Australia</b>										
ASX	nav	25.1	40.1	-15.0	-19.0	88.6	106.1	140.3	113.5	93.3
ASX 24	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
<b>Belgium</b>										
Regulated off-exchange	nav	nav	10.6	-14.3	9.7	nav	186.0	198.8	172.8	192.9
<b>Brazil</b>										
BmfBovespa-Equities	31.7	51.0	100.8	4.4	-10.2	22.0	31.1	58.0	56.8	50.9
BmfBovespa-Derivatives	nav	21.1	34.5	-18.4	-8.2	854.6	967.0	1,210.2	926.5	847.7
<b>Canada</b>										
TSX	26.3	30.3	17.5	3.0	-23.2	79.8	100.5	114.3	115.3	93.0
Montréal Exchange	40.5	47.9	-7.1	-34.9	-23.2	897.5	1,282.5	1,153.6	734.8	592.6
ICE	-23.1	54.1	63.9	30.7	-19.7	0.8	1.1	1.8	2.3	1.9
<b>China</b>										
Shanghai Stock Exchange	nav	81.9	294.5	-32.5	63.7	27.2	43.4	147.7	86.6	131.8
Shenzhen Stock Exchange	nav	187.5	362.2	-50.0	101.4	7.2	18.3	72.9	31.6	59.3
<b>France</b>										
Euronext Paris	nav	nav	15.4	-29.3	-40.8	nav	125.5	140.2	99.4	60.2
<b>Germany</b>										
Xetra	22.3	39.0	50.0	4.0	-52.0	50.2	68.5	100.5	105.2	52.4
Frankfurt (Floor)	3.5	38.5	19.1	-6.0	-74.3	32.5	44.1	51.4	48.7	13.0
Eurex	18.3	15.3	14.6	-10.5	-30.9	4,029.8	4,556.1	5,105.8	4,602.4	3,301.0
<b>Hong Kong SAR</b>										
Hong Kong Stock Exchange	12.7	81.8	153.5	-22.0	-12.5	327.2	568.6	1,342.9	1,053.1	957.7
<b>India</b>										
NDS	-27.3	12.7	63.4	21.8	29.5	23.33	23.85	35.36	41.41	53.19
BSE: BOLT	50.1	11.8	57.6	-35.7	13.1	22.02	22.32	31.91	19.73	22.13
NSE: NEAT	65.5	38.8	70.7	-22.8	52.8	172.50	217.12	336.34	249.80	378.54
<b>Italy</b>										
Borsa Italiana	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
MTS	nav	nav	-0.2	-49.3	-17.2	nav	110.1	107.7	55.7	47.9
PCT	nav	nav	23.9	-6.2	-0.9	nav	944.0	1,146.2	1,097.5	1,130.8
<b>Japan</b>										
TSE	43.6	36.6	12.0	-24.6	-34.2	99.1	134.2	147.9	115.6	80.3
OSE	64.9	26.8	9.7	-20.9	-42.2	4.8	6.0	6.5	5.3	3.3
TFX	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav

Table TRS3 (cont)

System	Increase in the real value of transactions (% change on previous year, adjusted by CPI inflation)					Value of transactions as a percentage of GDP (in %)				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
<b>Korea</b>										
Korea Exchange(KRX)	9.4	17.8	28.6	13.8	22.2	527	604	742	840	1,019
<b>Mexico</b>										
BMV	nav	51.8	49.8	-3.7	22.7	6.3	8.8	12.6	11.8	15.7
Mexder	nav	145.9	-19.3	-69.8	-32.8	116.4	264.3	205.5	60.2	43.7
<b>Netherlands</b>										
Euronext Amsterdam	18.1	65.3	44.1	-42.6	-46.0	112.1	178.9	247.4	139.1	79.0
<b>Russia</b>										
MICEX	nav	58.8	318.2	5.1	4.4	14.2	19.7	74.7	71.6	86.5
MICEX SE	nav	192.1	90.7	-1.9	-22.6	29.6	75.7	130.8	117.2	105.0
RTS	nav	313.3	158.4	27.4	27.3	2.8	10.2	23.8	27.7	40.8
<b>Saudi Arabia</b>										
Tadawul	131.7	24.4	-53.3	-30.2	-38.7	350.0	394.0	177.3	109.9	89.7
<b>Singapore</b>										
SGX	11.4	44.8	97.4	-40.0	-12.1	102.9	138.3	248.6	150.2	128.9
<b>South Africa</b>										
JSE	nav	43.0	20.4	15.3	-33.4	702.7	945.3	1,087.4	1,212.6	814.4
<b>Sweden</b>										
OMX Stockholm	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
NASDAQ OMX Stockholm	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
<b>Switzerland</b>										
SIX Swiss Exchange	2.7	9.4	20.2	-15.0	209.9	65.6	68.6	78.2	65.2	204.4
<b>Turkey</b>										
Istanbul Stock Exchange	nav	-14.1	-1.9	-23.4	33.3	115.7	93.2	89.2	66.7	94.4
Turkish Derivatives Exchange	nav	438.2	509.1	60.1	50.8	0.00	0.00	0.01	0.02	0.04
<b>United Kingdom</b>										
London Stock Exchange	27.2	7.7	nav	nav	nav	376.4	391.5	nav	nav	nav
Virt-x	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
<b>United States</b>										
New York Stock Exchange	20.5	18.6	33.9	-9.5	-37.4	141.3	162.6	212.7	195.4	124.4
Nasdaq	11.8	13.1	27.3	-4.1	-29.6	79.8	87.6	108.9	106.1	76.0
American Stock Exchange	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav

<sup>1</sup> Converted at yearly average exchange rates.

**Table TRS4**  
**Participation in selected exchanges and trading systems**  
*(end of year)*

System	Total number of participants				
	2005	2006	2007	2008	2009
<b>Australia</b>					
ASX	84	90	101	100	84
ASX 24	nav	nav	nav	nav	nav
<b>Belgium</b>					
Regulated off-exchange	175	198	200	201	190
<b>Brazil</b>					
BmfBovespa-Equities	nav	nav	nav	76	81
BmfBovespa-Derivatives	140	125	118	119	84
<b>Canada</b>					
TSX	nav	111	123	122	121
Montréal Exchange	nav	nav	67	64	70
ICE	nav	nav	nav	nav	nav
<b>China</b>					
Shanghai Stock Exchange	213	232	225	193	193
Shenzhen Stock Exchange	177	176	123	124	114
<b>France</b>					
Euronext Paris	145	142	135	152	174
<b>Germany</b>					
Xetra	nav	260	260	250	251
Frankfurt (Floor)	nav	nav	nav	143	133
Eurex	389	388	398	404	413
<b>Hong Kong SAR</b>					
Hong Kong Stock Exchange	468	469	478	487	495
<b>India</b>					
NDS	142	143	149	149	149
BSE: BOLT	nav	nav	nav	nav	nav
NSE: NEAT	1,113	1,241	1,387	1,015	1,396
<b>Italy</b>					
Borsa Italiana	128	128	123	nav	nav
MTS	115	105	100	90	93
PCT	nav	128	115	79	113
<b>Japan</b>					
TSE	173	174	172	165	153
OSE	99	101	102	98	97
TFX	62	64	69	72	73

Table TRS4 (cont)

System	Total number of participants				
	2005	2006	2007	2008	2009
<b>Korea</b>					
Korea Exchange(KRX)	nav	89	89	96	94
<b>Mexico</b>					
BMV	29	31	31	34	34
Mexder	30	38	43	63	52
<b>Netherlands</b>					
Euronext Amsterdam	156	185	216	nap	nap
<b>Russia</b>					
MICEX	332	341	349	296	300
MICEX SE	500	555	633	669	654
RTS	161	188	245	251	227
<b>Saudi Arabia</b>					
Tadawul	0	0	0	0	0
<b>Singapore</b>					
SGX	3,290	3,374	3,651	3,816	4,011
<b>South Africa</b>					
JSE	nav	nav	nav	nav	nav
<b>Sweden</b>					
OMX Stockholm	100	nav	nav	85	nav
NASDAQ OMX Stockholm	nav	nav	nav	nav	113
<b>Switzerland</b>					
SIX Swiss Exchange	87	90	95	97	112
<b>Turkey</b>					
Istanbul Stock Exchange	149	146	146	146	145
Turkish Derivatives Exchange	56	62	80	89	89
<b>United Kingdom</b>					
London Stock Exchange	337	327	nav	nav	nav
Virt-x	110	112	nav	nav	nav
<b>United States</b>					
New York Stock Exchange	1,366	1,274	685	nav	nav
Nasdaq	nav	nav	nav	nav	nav
American Stock Exchange	nav	nav	nav	nav	nav

**Table TRS5**  
**Securities listed in selected exchanges and trading systems**  
*(end of year)*

System	Number of securities listed					Market capitalisation (USD billions) <sup>1</sup>				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
<b>Australia</b>										
ASX	1,873	2,014	2,209	2,223	2,181	814	1,100	1,304	671	1,258
ASX 24	nap	nap	nap	nap	nap	nap	nap	nap	nap	nap
<b>Belgium</b>										
Regulated off-exchange	nav	97	100	104	104	nap	nap	nap	nap	nap
<b>Brazil</b>										
BmfBovespa-Equities	1,136	1,183	1,262	1,215	1,164	474	709	1,376	588	1,339
BmfBovespa-Derivatives	nap	nap	nap	nap	nap	nap	nap	nap	nap	nap
<b>Canada</b>										
TSX	3,993	4,114	4,226	4,133	4,024	1,599	1,816	2,180	1,059	1,728
Montréal Exchange	nap	nap	nap	nap	nap	nap	nap	nap	nap	nap
ICE	nap	nap	nap	nap	nap	nap	nap	nap	nap	nap
<b>China</b>										
Shanghai Stock Exchange	1,073	1,126	1,125	1,184	1,351	286	917	3,694	1,423	2,704
Shenzhen Stock Exchange	672	735	840	937	1,128	116	228	787	355	871
<b>France</b>										
Euronext Paris	7,576	8,191	10,729	12,503	8,728	1,759	2,425	2,759	1,471	1,954
<b>Germany</b>										
Xetra	nav	17,466	17,759	15,420	14,720	nav	nav	nav	nav	nav
Frankfurt (Floor)	81,146	149,101	277,617	441,351	397,550	1,202	1,636	2,120	1,109	1,298
Eurex	nap	nap	nap	nap	nap	nap	nap	nap	nap	nap
<b>Hong Kong SAR</b>										
Hong Kong Stock Exchange	2,649	3,383	6,092	5,831	6,616	1,055	1,716	2,653	1,329	2,305
<b>India</b>										
NDS	1,316	1,367	1,284	1,338	1,459	nav	nav	nav	nav	nav
BSE: BOLT	7,311	7,561	7,681	7,729	8,072	671	802	1,304	637	1,321
NSE: NEAT	1,392	1,488	1,604	1,583	1,806	624	761	1,233	598	1,287
<b>Italy</b>										
Borsa Italiana	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
MTS	106	87	88	90	105	nap	nap	nap	nap	nap
PCT	nav	87	386	506	544	nap	nap	nap	nap	nap
<b>Japan</b>										
TSE	2,699	2,764	2,748	2,720	2,648	4,584	4,614	4,318	3,127	3,330
OSE	1,356	1,374	1,359	1,328	1,248	2,977	3,122	2,909	2,021	2,148
TFX	nap	nap	nap	nap	nap	nap	nap	nap	nap	nap

<sup>1</sup> Converted at end of year exchange rates.



Table TRS5 (cont)

System	Number of securities listed					Market capitalisation (USD billions) <sup>1</sup>				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
<b>Korea</b>										
Korea Exchange(KRX)	10,133	10,001	10,456	11,260	11,479	717	836	1,121	496	834
<b>Mexico</b>										
BMV	511	517	542	587	621	237	347	399	238	352
Mexder	nap	nap	nap	nap	nap	nap	nap	nap	nap	nap
<b>Netherlands</b>										
Euronext Amsterdam	2,793	4,078	5,273	6,058	6,820	593	779	963	388	562
<b>Russia</b>										
MICEX	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
MICEX SE	178	221	387	485	450	190	464	716	190	492
RTS	394	412	598	531	501	296	624	771	237	426
<b>Saudi Arabia</b>										
Tadawul	77	86	111	127	135	650	327	519	247	319
<b>Singapore</b>										
SGX	1,216	1,500	1,788	1,848	1,834	257	384	539	401	478
<b>South Africa</b>										
JSE	1,369	1,772	2,141	2,004	2,013	567	723	839	488	804
<b>Sweden</b>										
OMX Stockholm	272	276	279	266	nav	441	623	617	287	nav
NASDAQ OMX Stockholm	nav	nav	nav	nav	258	nav	nav	nav	nav	480
<b>Switzerland</b>										
SIX Swiss Exchange	7,940	12,108	20,920	23,773	25,680	992	1,181	1,202	848	1,014
<b>Turkey</b>										
Istanbul Stock Exchange	562	582	584	605	667	163	164	288	120	233
Turkish Derivatives Exchange	8	10	10	10	10	nap	nap	nap	nap	nap
<b>United Kingdom</b>										
London Stock Exchange	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Virt-x	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
<b>United States</b>										
New York Stock Exchange	4,017	nav	nav	nav	nav	13,311	15,421	15,651	9,209	11,838
Nasdaq	3,409	3,388	3,310	3,188	3,012	3,604	3,865	4,014	2,249	3,239
American Stock Exchange	1,334	1,433	1,697	nav	nav	229	283	258	nav	nav

<sup>1</sup> Converted at end of year exchange rates.

**Table CCP1**  
**Features of selected central counterparties and clearing houses**  
*(at end-2009)*

System	CCP or clearing house	Owner/ manager	Relationship with exchange	Relationship with CSD	Intraday margining
<b>Australia</b>					
ASX Clear	CCP	SE <sup>1</sup>	int <sup>2</sup>	int <sup>3</sup>	event: P
ASX Clear (Futures)	CCP	SE <sup>1</sup>	int <sup>4</sup>	nap	routine; event: P
<b>Belgium</b>					
LCH.Clearnet SA	see France				
<b>Brazil</b>					
BmfBovespa-Equities	CCP	SE	int <sup>1</sup>	int <sup>1</sup>	routine
BmfBovespa-Derivatives	CCP	SE	int <sup>1</sup>	nap	routine; event: P, S
BmfBovespa-Securities	CCP	SE	int <sup>1</sup>	indep <sup>2</sup>	event: P
CETIP	CH	B; O	nap	int <sup>3</sup>	nap
<b>Canada</b>					
CDCC	CCP	SE <sup>1</sup>	int <sup>2</sup>	nav	event: P
NGX	CCP	SE <sup>1</sup>	int <sup>3</sup>	nav	event: P
ICE	CH	CCP <sup>4</sup>	int <sup>4</sup>	nav	routine
<b>China</b>					
SD&C	CCP	SE <sup>1</sup> , O	indep <sup>2</sup>	int <sup>3</sup>	nap
<b>France</b>					
LCH.Clearnet SA	CCP, CH <sup>1</sup>	B	indep <sup>2</sup>	indep <sup>3</sup>	event: P
<b>Germany</b>					
Eurex Clearing AG	CCP	SE <sup>1</sup>	par <sup>2</sup>	int <sup>3, 4</sup> ; indep <sup>5, 6, 7</sup>	routine; event: P, S
<b>Hong Kong SAR</b>					
CCASS	CH	SE	par	int	routine
<b>India</b>					
CCIL	CCP	B, O	nap	indep <sup>1</sup>	routine; event: P, S
NSCCL	CCP	SE <sup>2</sup>	par <sup>2</sup>	int <sup>3</sup>	routine; event: P, S
BOISL	CCP	SE <sup>4</sup> , B	int <sup>5</sup>	int <sup>6</sup>	routine; event: P, S
<b>Italy</b>					
CCG	CCP	CCP <sup>1</sup>	par <sup>2</sup>	indep <sup>3</sup>	routine
LCH.Clearnet SA	see France				
<b>Japan</b>					
Japan Securities Clearing Corporation (JSCC)	CCP	SE <sup>1</sup>	par <sup>2</sup>	indep	nap <sup>3</sup> / event <sup>4</sup>
JASDEC DVP Clearing Corporation (JDCC)	CCP	O <sup>5</sup>	nap	par <sup>5</sup>	event: P <sup>6</sup>
Japan Government Bond Clearing Corporation (JGBCC)	CCP	B, O, CCP <sup>7</sup>	nap	indep	event: P
TFX	CCP	B, O	int <sup>8</sup>	nap	event: P
OSE	CCP	B, O	int <sup>9</sup>	nap	event: P
<b>Korea</b>					
Korea Exchange (KRX)	CCP, CH	O	int <sup>1</sup>	indep	nap
<b>Mexico</b>					
CCV	CCP	SE	par <sup>1</sup>	int <sup>2</sup>	routine
Asigna	CCP	SE, O	int <sup>3</sup>	int <sup>2</sup>	routine
<b>Netherlands</b>					
LCH.Clearnet SA	see France				
<b>Russia</b>					
MICEX	CH	CB, B, O	indep <sup>1</sup>	indep <sup>2</sup>	nap
RTS CC	CCP, CH	SE <sup>3</sup>	par <sup>3</sup>	int <sup>4</sup> ; indep <sup>5</sup>	routine
<b>Saudi Arabia</b>					
Saudi Arabia clearing house	CH	O <sup>1</sup>	int <sup>2</sup>	int <sup>2</sup>	nap
<b>Singapore</b>					
DCSS	CH	CH	indep	int	nap
CDP	CCP, CH	O	indep	int	nap
MEPS	CH	CB	int	int	nap
<b>South Africa</b>					
	nap				
<b>Sweden</b>					
SE Nasdaq OMXDM <sup>1</sup>	CCP	O	int	indep	nav

For the footnotes regarding the systems, see after this table.

Table CCP1 (cont)

System	CCP or clearing house	Owner/ manager	Relationship with exchange	Relationship with CSD	Intraday margining
<b>Switzerland</b> SIX x-clear	CCP	B, CB <sup>1</sup>	int <sup>2</sup> ; int <sup>3</sup>	int <sup>4</sup> ; indep <sup>5, 6</sup>	routine; event: P, S
<b>Turkey</b> Takasbank	CH <sup>1</sup> , CCP <sup>1</sup>	SE <sup>2</sup> , B <sup>3</sup> , O <sup>3</sup>	par <sup>2</sup>	indep <sup>4</sup>	event: P <sup>5</sup>
<b>United Kingdom</b> LCH.Clearnet Ltd	CCP	SE, O	indep	indep	routine
<b>United States</b> National Securities Clearing Corporation (NSCC)	CCP	B, O	indep	int <sup>1</sup>	routine; event
Fixed Income Securities Clearing Corporation: Government Securities Division (GSD)	CCP	B, O	indep	indep <sup>2</sup>	routine; event
Fixed Income Securities Clearing Corporation: Mortgage-Backed Securities Division (MBSD)	CH	B, O	indep	indep <sup>2</sup>	routine; event

For the footnotes regarding the systems, see after this table.

Table CCP1 (cont)

System	Products cleared	Currencies	Securities settlement agent	Cash settlement agent	Links to other CCPs
<b>Australia</b>					
ASX Clear	SEC, DER	AUD	CSD <sup>3</sup>	CB	no link
ASX Clear (Futures)	DER	AUD	CSD <sup>5</sup>	CB	no link
<b>Belgium</b>					
LCH.Clearnet SA	see France				
<b>Brazil</b>					
BmfBovespa-Equities	SEC, DER	BRL	CSD <sup>1</sup>	CB	nap
BmfBovespa-Derivatives	DER	BRL	nap	CB	nap
BmfBovespa-Securities	SEC, REP	BRL	CSD <sup>2</sup>	CB	nap
CETIP	SEC, DER	BRL	CSD <sup>3</sup>	CB	nap
<b>Canada</b>					
CDCC	DER	CAD, USD	nav	nav	nav
NGX	DER	CAD, USD	nav	nav	nav
ICE	DER	nav	nav	nav	nav
<b>China</b>					
SD&C	SEC, DER, REP	RMB, USD, HKD	CSD <sup>3</sup>	B	nav
<b>France</b>					
LCH.Clearnet SA	SEC, DER, REP	EUR	2	BdF, DNB, NBB	cross: EUR: 1 <sup>4</sup>
<b>Germany</b>					
Eurex Clearing AG	SEC, DER, REP	EUR, CHF, GBP, USD	CSD <sup>3</sup> : SEC, REP: EUR; CSD <sup>5</sup> : SEC: CHF; CSD <sup>7</sup> : SEC: EUR; ICSD <sup>4</sup> : SEC, REP: EUR, USD; ICSD <sup>6</sup> : REP: EUR, USD	DER: EUR: CB; DER: CHF: CB; DER: GBP: B; DER: USD: B; SEC: EUR: CB; REP: EUR: CB; REP: CHF: CB	EUR, USD: 1
<b>Hong Kong SAR</b>					
CCASS	SEC, DER <sup>1</sup>	HKD, USD	O <sup>2</sup>	B	nav
<b>India</b>					
CCIL	SEC, DER, REP <sup>7</sup>	INR	CB	CB	nap
NSCCL	SEC, DER, REP	INR	CSD <sup>3, 6</sup>	B	nav
BOISL	SEC, DER, REP	INR	CSD <sup>3, 6</sup>	B	nav
<b>Italy</b>					
CCG	SEC, DER, REP	EUR	CSD <sup>3</sup>	CB	1
LCH.Clearnet SA	see France				
<b>Japan</b>					
JSCC	SEC, DER	JPY	CSD <sup>5</sup> , CB	CB, B	nap
JDCC	SEC	JPY	CSD <sup>5</sup>	CB	nap
JGBCC	SEC	JPY	CB	CB	nap
TFX	DER	JPY	nap	CB, B	1
OSE	DER	JPY	nap	CB, B	nap
<b>Korea</b>					
Korea Exchange (KRX)	SEC, DER, REP	KRW	CSD <sup>2</sup>	B, CB	nap
<b>Mexico</b>					
CCV	SEC	MXN	CSD <sup>2</sup>	O <sup>4</sup>	nap
Asigna	DER	MXN	nap	B	nap
<b>Netherlands</b>					
LCH.Clearnet SA	see France				
<b>Russia</b>					
MICEX	SEC, DER, REP	RUR, USD	O <sup>2</sup>	O <sup>6</sup>	nap
RTS CC	SEC, DER, REP	RUR, USD	CSD <sup>4, 5</sup>	O <sup>7</sup>	nap
<b>Saudi Arabia</b>					
Saudi Arabia clearing house	SEC	SAR	CSD	CB, B	no link
<b>Singapore</b>					
DCSS	SEC	SGD	CSD <sup>1</sup>	CB	no link
CDP	SEC	SGD, AUD, USD, HKD	CSD <sup>1</sup>	B	6: 4 direct, 2 indirect
MEPS	SEC, REP	SGD	CSD <sup>2</sup>	CB	no link
<b>South Africa</b>	nap				

For the footnotes regarding the systems, see after this table.

Table CCP1 (cont)

System	Products cleared	Currencies	Securities settlement agent	Cash settlement agent	Links to other CCPs
<b>Sweden</b> SE Nasdaq OMXDM	DER	SEK, DKK, NOK, EUR, ISL	CSD	CB: SEK; CB: DKK; CB: EUR, NOK; O	NOK, GBP <sup>2</sup>
<b>Switzerland</b> SIX x-clear	SEC	CHF, GBP, EUR, USD, SEK, NOK, DKK	CSD <sup>4,5,6</sup>	CB <sup>4</sup> : CHF; B <sup>4</sup> : CHF, GBP, EUR, USD, SEK, NOK, DKK; CB <sup>5</sup> : EUR; B <sup>5</sup> : CHF, EUR, GBP, USD, SEK, NOK, DKK; CB <sup>6</sup> : GBP; B <sup>6</sup> : GBP, EUR, USD	cross: 1
<b>Turkey</b> Takasbank	SEC, DER, REP	TRY, USD, EUR	CSD <sup>4</sup> ; SEC <sup>6</sup> : TRY; CB: SEC <sup>7</sup> , REP: TRY, USD, EUR	CB: TRY; O <sup>1</sup> : TRY; B: USD, EUR	nap
<b>United Kingdom</b> LCH.Clearnet Ltd	SEC, DER, REP	AUD, CAD, CHF, DKK, EUR, GBP, HKD, ISK, JPY, NOK, NZD, SEK, USD	CSD <sup>1</sup>	CB, B	2
<b>United States</b> NSCC GSD MBSB	SEC SEC, REP SEC	USD USD USD	CSD <sup>1</sup> B B	CSD <sup>1,3</sup> B B	nav cross: 2 nav

**Australia:** <sup>1</sup> ASX Group. <sup>2</sup> ASX. <sup>3</sup> ASX Settlement. <sup>4</sup> ASX 24. <sup>5</sup> Austraclear.

**Brazil:** <sup>1</sup> BmfBovespa. <sup>2</sup> SELIC. <sup>3</sup> CETIP.

**Canada:** <sup>1</sup> TMX Group. <sup>2</sup> Montreal Exchange. <sup>3</sup> TSX. <sup>4</sup> ICE.

**China:** <sup>1</sup> Shanghai Stock Exchange and Shenzhen Stock Exchange each hold 50% of SD&C's shares. <sup>2</sup> Shanghai Stock Exchange, Shenzhen Stock Exchange. <sup>3</sup> SD&C.

**France:** <sup>1</sup> LCH.Clearnet SA is located in France but serves Amsterdam, Brussels and Paris Euronext markets. <sup>2</sup> Euronext Paris, Amsterdam, Brussels, Lisbon. <sup>3</sup> Euroclear France, Euroclear Netherlands, Euroclear Belgium and Euroclear Bank. <sup>4</sup> Corresponds to the link established with CC&G which is used for products traded on Italian markets.

**Germany:** <sup>1</sup> Eurex Frankfurt AG. <sup>2</sup> Eurex. <sup>3</sup> Clearstream Banking Frankfurt. <sup>4</sup> Clearstream Banking Luxembourg. <sup>5</sup> SIX SIS AG. <sup>6</sup> Euroclear Bank. <sup>7</sup> Euroclear UK & Ireland, Euroclear France S.A., Euroclear Nederland, Euroclear Belgium, Euroclear Finland and Iberclear.

**Hong Kong SAR:** <sup>1</sup> Equities include ordinary shares, preference shares, registered warrants, provisional allotment letters representing nil paid rights; structured products include derivative warrants, equity linked instruments, callable bull/bear contracts; Bonds include Exchange Fund notes, Hong Kong SAR retail bonds and Hong Kong SAR Link Retail Bonds; unit trust funds includes Exchange Traded Funds. <sup>2</sup> Hong Kong Securities Clearing Company Limited (HKSCC).

**India:** <sup>1</sup> RBI (SSS). <sup>2</sup> NSE. <sup>3</sup> NSDL. <sup>4</sup> BSE. <sup>5</sup> BSE and Bank of India. <sup>6</sup> CSDL. <sup>7</sup> CCIL clears foreign exchange related transactions as well.

**Italy:** <sup>1</sup> Cassa di Compensazione e Garanzia. <sup>2</sup> Borsa Italiana. <sup>3</sup> Monte Titoli.

**Japan:** <sup>1</sup> Includes TSE, OSE and other regional exchanges. <sup>2</sup> JSCC is jointly owned by five securities exchanges in Japan. <sup>3</sup> For equities. <sup>4</sup> For derivatives. <sup>5</sup> JASDEC. <sup>6</sup> JDCC accepts participants' settlement obligations on a settlement day. <sup>7</sup> JSCC. <sup>8</sup> TFX. <sup>9</sup> OSE.

**Korea:** <sup>1</sup> KRX. <sup>2</sup> KSD.

**Mexico:** <sup>1</sup> BMV. <sup>2</sup> Ineval. <sup>3</sup> Mexder. <sup>4</sup> CCV settles the cash leg in the CSD. CSD always holds funds at its central bank account that cover the sum of all CSD participants' (including CCV's) balances.

**Russia:** <sup>1</sup> MICEX acts as a clearing company for the MICEX SE participants. <sup>2</sup> NDC, which is a member of the MICEX Group, providing the whole range of depository services. <sup>3</sup> RTS. <sup>4</sup> DCC. <sup>5</sup> SDCO. <sup>6</sup> MICEX SH, a credit institution which has a limited banking licence not taking deposits or providing credit. <sup>7</sup> RTS SC.

**Saudi Arabia:** <sup>1</sup> The Capital Market Authority (CMA). <sup>2</sup> Tadawul.

**Singapore:** <sup>1</sup> CDP. <sup>2</sup> MEPS.

**Sweden:** <sup>1</sup> OMX Derivatives Markets, which is a secondary legal name for the OMX Nordic Exchange Stockholm AB. <sup>2</sup> The currency area description of OMX DM's links is very misleading. OMX DM has a link to the London market and specifically to LCH.Clearnet Ltd to facilitate the clearing of Nordic derivatives traded in London. The derivatives settled through the link are denominated in DKK, EUR, NOK and SEK.

**Switzerland:** <sup>1</sup> The Swiss National Bank owns an immaterial number of shares of SIX Group. <sup>2</sup> SIX Swiss Exchange. <sup>3</sup> LSE. <sup>4</sup> SIX SIS. <sup>5</sup> Euroclear Bank. <sup>6</sup> Euroclear UK.

**Turkey:** <sup>1</sup> Takasbank is a CH in clearing ISE market trades. For TURKDEX transactions, it is a CCP. <sup>2</sup> ISE. <sup>3</sup> Takasbank is owned by 19 banks and 67 brokerage houses, none of which can exceed a 5% share. <sup>4</sup> Central Registry Agency (CRA), CSD of Turkey; 65% of its shares are owned by Takasbank. <sup>5</sup> Intraday margining is only applicable to derivatives clearing. <sup>6</sup> Equities. <sup>7</sup> G-bonds, T-bills.

**United Kingdom:** <sup>1</sup> CREST.

**United States:** <sup>1</sup> DTC. <sup>2</sup> NBES. <sup>3</sup> Cash settlement is completed at the central bank.

Table CCP2

## Transactions cleared by selected central counterparties and clearing houses: number of transactions

(total for the year)

System	Number of transactions (millions)					Increase in the number of transactions (% change on previous year)				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
<b>Australia</b>										
ASX Clear	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
ASX Clear (Futures)	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
<b>Belgium</b>										
LCH.Clearnet SA	nav	15.4	24.3	29.6	30.6	nav	nav	58.1	21.8	3.6
<b>Brazil</b>										
BmfBovespa-Equities	15.7	21.8	38.0	61.6	82.3	17.2	38.9	74.3	62.1	33.6
BmfBovespa-Derivatives	199	284	426	392	373	8.7	42.2	50.4	-8.2	-4.6
BmfBovespa-Securities	0.03	0.02	0.01	0.01	0.00	-35.5	-34.8	-31.5	-61.2	-72.3
CETIP	5.4	9.6	13.5	18.9	21.5	135	77.8	40.6	40.0	13.5
<b>Canada</b>										
CDCC	nav	86.2	92.4	94.4	80.3	nav	nav	7.2	2.2	-14.9
NGX	0.38	0.42	0.48	0.68	0.63	19.8	11.5	13.5	41.8	-7.5
ICE	2.09	2.92	3.47	3.33	3.59	2.0	39.3	18.8	-3.9	7.9
<b>China</b>										
SD&C	384	885	2,846	2,248	3,659	nav	130.6	221.7	-21.0	62.8
<b>France</b>										
LCH.Clearnet SA	nav	321	395	452	418	nav	nav	22.8	14.5	-7.6
<b>Germany</b>										
Eurex Clearing AG	nav	3,200	4,020	4,610	3,575	nav	nav	25.6	14.7	-22.4
<b>Hong Kong SAR</b>										
CCASS	8.0	10.7	18.2	13.1	15.5	-4.3	34.4	69.3	-27.9	18.3
<b>India</b>										
CCIL	0.15	0.17	0.26	0.31	0.37	-18.5	10.6	53.1	21.4	19.4
NSCCL	766.42	1,001.48	1,597.71	2,055.16	2,740.10	45.2	30.7	59.5	28.6	33.3
BOISL	264.30	346.20	530.30	540.80	605.60	12.1	31.0	53.2	2.0	12.0
<b>Italy</b>										
CCG	155	188	222	214	219	40.2	21.4	17.8	-3.8	2.5
LCH.Clearnet SA	nav	0.84	1.11	0.91	0.90	nav	nav	32.7	-18.2	-1.1
<b>Japan</b>										
JSCC	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
JDCC	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
JGBCC	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
TFX	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
OSE	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
<b>Korea</b>										
Korea Exchange (KRX)	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
<b>Mexico</b>										
CCV	2.02	2.92	4.03	5.18	8.27	nav	44.2	38.2	28.6	59.5
Asigna	108	275	229	70	49	nav	154.4	-16.8	-69.4	-30.5
<b>Netherlands</b>										
LCH.Clearnet SA	nav	311	398	404	335	nav	nav	28.2	1.4	-17.0
<b>Russia</b>										
MICEX	22	68	132	195	135	nav	217	93.8	47.2	-30.6
RTS CC	53	90	145	246	481	nav	68.3	61.7	69.9	95.3
<b>Saudi Arabia</b>										
Saudi Arabia clearing house	46.61	96.10	65.67	52.14	36.46	249.9	106.2	-31.7	-20.6	-30.1
<b>Singapore</b>										
CDP	204	320	683	337	427	14.2	56.9	113.4	-50.7	26.9
<b>South Africa</b>										
			nap					nap		
<b>Sweden</b>										
OMXDM	nav	107.0	122.0	118.2	nav	nav	nav	14.0	-3.1	nav
SE Nasdaq OMXDM	nav	nav	nav	nav	83.4	nav	nav	nav	nav	nav
<b>Switzerland</b>										
SIX x-clear	10.6	15.8	28.5	50.8	68.7	9.3	49.1	80.4	78.2	35.2
<b>Turkey</b>										
Takasbank	46.9	53.5	74.4	101.6	149.4	nav	14.2	39.0	36.6	47.0
<b>United Kingdom</b>										
LCH.Clearnet Ltd	nav	1,857	2,861	2,702	1,258	nav	nav	54.1	-5.6	-53.4
LCH.Clearnet SA	nav	0.51	0.63	0.56	0.54	nav	nav	24.2	-10.2	-4.4
<b>United States</b>										
NSCC	6,600	8,532	13,537	21,877	23,254	13.8	29.3	58.7	61.6	6.3
GSD	24.9	24.9	30.4	34.4	28.7	-2.4	0.0	22.1	13.2	-16.6
MBSD	1.65	1.70	2.10	3.00	2.40	7.1	3.0	23.5	42.9	-20.0

**Table CCP3****Transactions cleared by selected central counterparties and clearing houses: value of transactions***(total for the year)*

System	Value of transactions (USD billions) <sup>1</sup>					Average value per transaction (USD thousands) <sup>1</sup>				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
<b>Australia</b>										
ASX Clear	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
ASX Clear (Futures)	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
<b>Belgium</b>										
LCH.Clearnet SA	nav	327	514	546	934	nav	21.3	21.2	18.5	30.5
<b>Brazil</b>										
BmfBovespa-Equities	197	339	793	936	805	12.6	15.5	20.9	15.2	9.8
BmfBovespa-Derivatives	7,583	10,613	16,611	15,246	13,436	38.0	37.4	39.0	38.9	36.0
BmfBovespa-Securities	489	1,567	2,143	294	62	15,528	76,306	152,323	53,833	40,985
CETIP	1,749	2,163	2,927	4,964	5,534	324	225	217	263	258
<b>Canada</b>										
CDCC	nav	nav	5.97	7.92	4.92	nav	nav	0.06	0.08	0.06
NGX	114	107	131	183	85	303	254	275	271	136
ICE	8.6	14.4	25.4	34.3	25.9	4.1	4.9	7.3	10.3	7.2
<b>China</b>										
SD&C	780	1,669	7,750	5,468	9,356	2.03	1.89	2.72	2.43	2.56
<b>France</b>										
LCH.Clearnet SA	nav	8,901	13,534	13,588	7,828	nav	27.7	34.3	30.1	18.7
<b>Germany</b>										
Eurex Clearing AG	nav	270,914	357,305	356,224	240,699	nav	84.6	88.9	77.3	67.3
<b>Hong Kong SAR</b>										
CCASS	1,082	1,991	5,272	4,360	3,784	136	186	290	333	244
<b>India</b>										
CCIL	580	789	1,924	2,092	2,168	3,846.85	4,730.51	7,534.91	6,748.16	5,859.67
NSCCL	99	135	273	162	206	0.13	0.13	0.17	0.08	0.08
BOISL	62	66	116	53	64	0.23	0.19	0.22	0.10	0.11
<b>Italy</b>										
CCG	nav	16,528	17,997	16,513	22,229	nav	87.7	81.0	77.3	101.5
LCH.Clearnet SA	nav	19,928	26,252	27,831	31,308	nav	23,837	23,672	30,685	34,903
<b>Japan</b>										
JSCC	354	443	444	449	324	nav	nav	nav	nav	nav
JDCC <sup>1</sup>	371	389	401	406	307	nav	nav	nav	nav	nav
JGBCC	6,809	14,181	20,466	24,268	23,959	nav	nav	nav	nav	nav
TFX	1.33	4.79	3.13	4.15	1.90	nav	nav	nav	nav	nav
OSE	nav	28.5	27.6	61.2	36.9	nav	nav	nav	nav	nav
<b>Korea</b>										
Korea Exchange (KRX)	2,900	2,982	3,158	2,979	3,519	nav	nav	nav	nav	nav
<b>Mexico</b>										
CCV	59	99	144	159	129	29.3	33.9	35.7	30.7	15.6
Asigna	988	2,515	2,105	654	382	9.13	9.14	9.19	9.33	7.83
<b>Netherlands</b>										
LCH.Clearnet SA	nav	4,552	6,962	9,207	5,013	nav	14.6	17.5	22.8	15.0
<b>Russia</b>										
MICEX	335	945	2,672	3,141	2,344	15.5	13.8	20.2	16.1	17.3
RTS CC	24	100	294	461	500	0.46	1.11	2.03	1.87	1.04
<b>Saudi Arabia</b>										
Saudi Arabia clearing house	1,104	1,403	682	523	337.1	23.68	14.60	10.39	10.04	9.25
<b>Singapore</b>										
CDP	123	189	401	273	235	0.60	0.59	0.59	0.81	0.55
<b>South Africa</b>										
<b>Sweden</b>										
OMXDM	nav	379	577	522	nav	nav	4	5	4.42	nav
SE Nasdaq OMXDM	nav	nav	nav	nav	359	nav	nav	nav	nav	4.30
<b>Switzerland</b>										
SIX x-clear	649	851	1,454	1,564	1,262	61.2	53.8	51.0	30.8	18.4
<b>Turkey</b>										
Takasbank	3,600	4,424	5,936	6,339	5,598	76.84	82.67	79.79	62.39	37.48

<sup>1</sup> Converted at yearly average exchange rates.Japan: <sup>1</sup> Data refer to total transactions during the fiscal year ending March of the following year (see Japan, Table21). As a consequence, they are converted at average fiscal-year exchange rates.

Table CCP3 (cont)

System	Value of transactions (USD billions) <sup>1</sup>					Average value per transaction (USD thousands) <sup>1</sup>				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
<b>United Kingdom</b>										
LCH.Clearnet Ltd	nav	774,992	1,467,605	1,582,604	919,106	nav	417	513	586	730
LCH.Clearnet SA	nav	28,010	36,709	28,730	19,616	nav	55,465	58,547	51,030	36,461
<b>United States</b>										
NSCC	130,700	174,900	283,200	315,100	209,690	19.8	20.5	20.9	14.4	9.0
GSD	874,300	864,100	1,006,100	1,014,500	905,100	35,112	34,703	33,095	29,491	31,537
MBSD	75,600	76,100	94,900	111,300	94,800	45,818	44,765	45,190	37,100	39,500

<sup>1</sup> Converted at yearly average exchange rates.



Table CCP3 (cont)

System	Increase in the real value of transactions (% change on previous year, adjusted by CPI inflation)					Value of transactions as a percentage of GDP (in %)				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
<b>Australia</b>										
ASX Clear	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
ASX Clear (Futures)	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
<b>Belgium</b>										
LCH.Clearnet SA	nav	nav	41.4	-4.9	79.9	nav	82	112	108	198
<b>Brazil</b>										
BmfBovespa-Equities	33.5	49.1	100.5	5.1	-10.5	22.3	31.1	58.0	57.2	51.1
BmfBovespa-Derivatives	-6.8	21.4	34.0	-18.3	-8.3	860	975	1,216	932	852
BmfBovespa-Securities	-16.2	177.8	17.1	-87.8	-78.0	55.5	144.0	156.9	18.0	3.9
CETIP	0.1	7.3	15.9	51.0	16.0	198	199	214	304	351
<b>Canada</b>										
CDCC	nav	nav	nav	28.4	-33.6	nav	nav	0.42	0.53	0.37
NGX	52.6	-14.3	14.2	35.2	-50.4	10.1	8.3	9.2	12.2	6.4
ICE	-22.9	53.7	63.5	30.6	-19.4	0.76	1.13	1.79	2.28	1.93
<b>China</b>										
SD&C	nav	104.3	317.2	-38.1	71.9	34.4	61.6	221.9	119.1	190.5
<b>France</b>										
LCH.Clearnet SA	nav	nav	37.2	-9.0	-39.5	nav	393	522	477	295
<b>Germany</b>										
Eurex Clearing AG	nav	nav	18.2	-9.2	-29.1	nav	9,283	10,734	9,813	7,219
<b>Hong Kong SAR</b>										
CCASS	11.9	80.2	160.8	-20.9	-14.0	608	1,048	2,546	2,024	1,808
<b>India</b>										
CCIL	-31.7	33.4	111.9	5.5	4.2	69.0	83.5	160.6	162.9	168.4
NSCCL	43.2	33.1	76.4	-42.5	27.7	11.8	14.3	22.8	12.6	16.0
BOISL	84.8	4.6	52.6	-55.4	21.9	7.4	7.0	9.7	4.1	5.0
<b>Italy</b>										
CCG	nav	nav	-2.2	-17.1	40.5	nav	887	851	720	1,051.7
LCH.Clearnet SA	nav	nav	18.4	-4.2	17.4	nav	1,069	1,241	1,213	1,481
<b>Japan</b>										
JSCC	26.2	31.8	1.4	-12.5	-33.8	7.78	10.16	10.15	9.20	6.44
JDCC	67.8	7.8	0.8	-12.3	-29.2	8.38	8.96	8.89	8.08	6.05
JGBCC	nav	119.3	46.1	2.7	-9.5	150	325	468	498	476
TFX	20.4	279.2	-33.9	15.1	-58.1	0.03	0.11	0.07	0.09	0.04
OSE	nav	nav	-2.0	92.3	-44.7	nav	0.65	0.63	1.26	0.73
<b>Korea</b>										
Korea Exchange (KRX)	9.5	-6.1	0.5	6.9	33.0	343	314	301	320	423
<b>Mexico</b>										
CCV	nav	61.1	40.3	7.1	-6.7	7.0	10.4	14.0	14.6	14.7
Asigna	nav	145.9	-19.3	-69.9	-32.7	116.3	264.1	205.2	60.1	43.7
<b>Netherlands</b>										
LCH.Clearnet SA	nav	nav	38.0	21.0	-43.3	nav	672	890	1,055	630
<b>Russia</b>										
MICEX	nav	148.9	137.7	0.6	-12.4	44	95	206	189	191
RTS CC	nav	261.7	147.9	34.4	27.3	3.2	10.1	22.6	27.7	40.9
<b>Saudi Arabia</b>										
Saudi Arabia clearing house	131.7	24.4	-53.3	-30.2	-38.7	350	394	177.3	109.9	89.7
<b>Singapore</b>										
CDP	11.4	44.8	97.4	-40.0	-12.1	103	138	249	150	129
<b>South Africa</b>										
<b>Sweden</b>										
OMXDM	nav	nav	37.2	-14.6	nav	nav	95	125	107	nav
SE Nasdaq OMXDM	nav	nav	nav	nav	nav	nav	nav	nav	nav	88.7
<b>Switzerland</b>										
SIX x-clear	14.8	30.5	62.4	-5.2	-18.8	174	217	335	311	256
<b>Turkey</b>										
Takasbank	nav	19.6	12.6	-3.6	-0.8	744	834.8	916.2	862.3	909.1
<b>United Kingdom</b>										
LCH.Clearnet Ltd	nav	nav	70.1	13.5	-33.2	nav	31,712	52,199	59,673	42,165
LCH.Clearnet SA	nav	nav	17.7	-17.6	-21.5	nav	1,146	1,306	1,083	900
<b>United States</b>										
NSCC	26.5	30.0	57.9	7.3	-33.4	1,034	1,305	2,014	2,193	1,485
GSD	19.7	-4.0	13.5	-2.8	-10.7	6,918	6,449	7,155	7,060	6,410
MBSD	6.9	-2.2	21.6	13.1	-14.8	598	568	675	775	671

**Table CCP4**  
**Participation in selected central counterparties and clearing houses**  
*(end of year)*

System	Total number of participants				
	2005	2006	2007	2008	2009
<b>Australia</b>					
ASX Clear	62	57	57	54	49
ASX Clear (Futures)	nav	nav	nav	15	15
<b>Belgium</b>					
LCH.Clearnet SA	nav	nav	nav	nav	nav
<b>Brazil</b>					
BmfBovespa-Equities	nav	nav	nav	58	64
BmfBovespa-Derivatives	95	90	86	88	81
BmfBovespa-Securities	69	68	76	76	53
CETIP	4,894	5,582	7,123	8,261	9,109
<b>Canada</b>					
CDCC	nav	31	34	34	34
NGX	nav	151	169	201	214
ICE	nav	13	12	10	10
<b>China</b>					
SD&C	281	279	273	262	258
<b>France</b>					
LCH.Clearnet SA	118	115	111	106	103
<b>Germany</b>					
Eurex Clearing AG	nav	119	118	109	117
<b>Hong Kong SAR</b>					
CCASS	14,715	17,071	19,571	21,973	22,709
<b>India</b>					
CCIL	198	195	204	204	223
NSCCL	966	1,029	1,096	1,204	1,277
BOISL	840	906	957	990	1,002
<b>Italy</b>					
CCG	76	78	74	75	70
LCH.Clearnet SA	nav	nav	nav	nav	nav
<b>Japan</b>					
JSCC	119	120	119	118	114
JDCC	61	61	62	62	60
JGBCC	34	35	37	35	35
TFX	56	59	63	67	68
OSE	95	94	95	92	90
<b>Korea</b>					
Korea Exchange (KRX)	nav	nav	nav	nav	nav
<b>Mexico</b>					
CCV	23	24	24	25	26
Asigna	8	9	9	9	9
<b>Netherlands</b>					
LCH.Clearnet SA	nav	nav	nav	nav	nav
<b>Russia</b>					
MICEX	845	920	1,069	1,113	1,188
RTS CC	94	117	132	390	368
<b>Saudi Arabia</b>					
Saudi Arabia clearing house	15	17	18	19	19
<b>Singapore</b>					
CDP	64	64	65	66	62
<b>South Africa</b>			nap		
<b>Sweden</b>					
OMXDM	nav	44	46	50	nav
SE Nasdaq OMXDM	nav	nav	nav	nav	82
<b>Switzerland</b>					
SIX x-clear	57	59	73	75	74
<b>Turkey</b>					
Takasbank	145	142	139	132	130
<b>United Kingdom</b>					
LCH.Clearnet Ltd	nav	117	117	111	118
LCH.Clearnet SA	nav	nav	nav	nav	nav
<b>United States</b>					
NSCC	nav	234	226	221	203
GSD	nav	106	103	97	98
MBSD	nav	92	90	103	67

**Table CSD1**  
**Features of selected central securities depositories**  
*(at end-2009)*

System	Type of securities held	Owner/ manager	Settlement system	Closing time for same-day transactions	Links to other CSDs
<b>Australia</b>					
ASX Settlement	E, O	SE <sup>1</sup>	ASX Settlement	DVP: 10:30, FoP: 19:00	no link
Austraclear	DOM, B, C, G	SE <sup>1</sup>	Austraclear	18:30 <sup>2</sup> , 20:30 <sup>3</sup>	no link
<b>Belgium</b>					
NBB SSS	B, C, G, O	CB	NBB SSS	17:00, 17:30 <sup>1</sup>	no link
Euroclear Belgium (FMS)	E, O	O	Euroclear Belgium	14:00	direct: FoP: EUR: 5
Euroclear Belgium (EMSS)	B, E, O	O	Euroclear Belgium	DVP: 15:15, FoP: 16:00	
Euroclear Bank	B, C, G, E, O	O, B	Euroclear Bank	18:00	direct/indirect: FoP/DVP: 37
<b>Brazil</b>					
SELIC	DOM; G	CB	SELIC	18:30	no link
BMFBOVESPA-Equities	DOM; E, B, O	SE	BMFBOVESPA- Equities	17:00	no link
CETIP	DOM; B,C,G	B, O	CETIP	19:00	no link
<b>Canada</b>					
CDS	DOM, INT, B, C, G, E	B, SE	CDSX	16:00 <sup>1</sup>	direct: DVP: DTC; direct: DVP: CREST; direct: FoP: Euroclear France; indirect: FoP: VPC
<b>China</b>					
SD&C	DOM, B, G, E, O	SE <sup>1</sup> , O	SD&C <sup>2</sup>	16:00	nav
CDC Depository and Settlement System	B, G, O	O	CDC Depository and Settlement System	17:00	direct: Central Moneymarkets Unit, Clearstream Banking Luxembourg
<b>France</b>					
Euroclear France	B, G, E, O	O	ESES France <sup>1</sup>	17:00	FoP: 16 <sup>2</sup>
<b>Germany</b>					
Clearstream Banking Frankfurt	DOM, INT: B, C, G, E, O	SE <sup>1</sup>	CASCADE, CREATION	DVP: 16:30 <sup>2</sup> , FoP: 18:00	direct: DVP: EUR, CHF, DKK; direct: FoP: EUR: 6, USD, JPY; indirect: 45
<b>Hong Kong SAR</b>					
CCASS	DOM, B, G, E, O <sup>1</sup>	SE	CCASS <sup>2</sup>	15:45	nav
CMU	DOM, INT, B, C, G	CB	Central Moneymarkets Unit	16:00	direct: FoP/DVP <sup>3</sup>
<b>India</b>					
RBI (SSS)	G	CB	SSS	17:00	nap
NSDL	E, B, O	SE, O	NSDL	15:30	direct
CDSL	E, B, O	SE, O	CDSL	15:30	direct
<b>Italy</b>					
Monte Titoli	G, E, B, O	O <sup>1</sup>	Express II	18:30	direct: DVP:EUR:2; direct: FoP: EUR:5; USD, CHF
<b>Japan</b>					
BOJ	DOM: G	O	BOJ-NET	16:30	no link
JASDEC	DOM: O, B <sup>1</sup>	SE, O, B	JASDEC	17:00	no link
	DOM: E <sup>2</sup>	SE, O, B	JASDEC	DVP: 13:50 FoP: 15:30	direct: FoP: 4
	DOM: E <sup>3</sup>	SE, O, B	JASDEC	13:00	
<b>Korea</b>					
Korea Securities Depository (KSD)	B, C, G, E, O	SE, O, B	KSD	DVP: 16:00 <sup>1</sup> , 17:00 <sup>2</sup>	direct: DVP, FoP: 3 direct: Fop: 2 indirect: DVP, FoP: 33 <sup>3</sup>

For the footnotes regarding the systems, see after this table.

Table CSD1 (cont)

System	Type of securities held	Owner/ manager	Settlement system	Closing time for same-day transactions	Links to other CSDs
<b>Mexico</b> Indeval	B, C, G, E, O	B, SE, CB, O	DALI	16:15	direct/indirect: FoP/DVP: 4
<b>Netherlands</b> Euroclear Netherlands	nav	O <sup>1</sup>	nav	nav	nav
<b>Russia</b> NDC	DOM: B, G, E, O INT: B, E	CB, B, O	MICEX - NDC - MICEX SH	17:00 <sup>1</sup> 20:00 <sup>2</sup>	direct <sup>3</sup> : FoP: 5, DVP: 1
DCC	DOM: B, E, O INT: B, E, O	B, SE, O	nap	FoP: 18:00 DVP: 19:00	direct <sup>4</sup> : indirect: FoP: Euroclear Bank, Clearstream Banking <sup>5</sup>
<b>Saudi Arabia</b> Tadawul	DOM, B, E, G	SE <sup>1</sup>	Equator	15:30	no link
<b>Singapore</b> MEPS+ SGS	G	CB	MEPS+	19:00	nav
DCSS	B	SE	DCSS	19:00	nav
CDP	DOM, INT, B, E, O	O	CDP	nap	6: 4 direct, 2 indirect
<b>South Africa</b> SAFIRES	B, E	B, SE, O <sup>1</sup>	SAFIRES	15:00	no link
<b>Sweden</b> Euroclear Sweden	DOM, B, G, E, O	B, O	VPC	17:00	direct: FoP: DKK, GBP, EUR: 2, CHF; direct: DVP:EUR; indirect: FoP: DKK, EUR, ISL, USD; indirect: DVP: USD
<b>Switzerland</b> SECOM	DOM: B, G, E, O; INT: B, G, E, O	B, CB <sup>1</sup>	SECOM	16:00 <sup>2</sup> ; 21:30 <sup>3</sup>	direct: DVP, FoP: 7; indirect: DVP, FoP: 51
<b>Turkey</b> Takasbank	DOM, INT, E <sup>1</sup> , O <sup>2</sup>	SE, B <sup>3</sup> , O <sup>3</sup>	Takasbank	21:00	direct/indirect: Euroclear, FoP/DVP
Central Registry Agency	DOM: B, E, O	SE, O	Central Dematerialized System <sup>4</sup>	DVP: 17:00; FoP: 18:30	no link
TIC-ESTS	G	CB	TIC-ESTS	17:30	no link
<b>United Kingdom</b> CREST <sup>1</sup>	DOM, B, C, G, E, O	CB, B, O	RTGS	DVP: 16:10; FoP: 16:40	DVP: SIS SegalInterSettle AG; FoP: Euroclear SA and Depositary Trust & Clearing Corporation
<b>United States</b> NBES <sup>1</sup>	G, O	CB	Fedwire Securities Service	15:15 <sup>2</sup>	no link
DTC	B, C, E, O	B, O	DTC-NSCC Consolidated Settlement Service	15:20 <sup>2</sup>	direct: 13; indirect: 1

For the footnotes regarding the systems, see after this table.

Table CSD1 (cont)

System	Intraday finality	DVP (Delivery Versus Payment)	Delivery lag (T+n)	Currencies	Cash settlement agent
<b>Australia</b>					
ASX Settlement	yes	DVP3	T+3	AUD	CB
Austraclear	yes	DVP1	T <sup>4</sup> , T+1 <sup>5</sup> , T+3 <sup>6</sup>	AUD	CB
<b>Belgium</b>					
NBB SSS	yes	DVP1	T+2, T+3	EUR	CB
FMS	yes	DVP2	T+3	EUR	CB
EMSS	yes	DVP1	T+3	EUR	CB
Euroclear Bank	yes	DVP1	T, T+n	36	B
<b>Brazil</b>					
SELIC	yes	DVP1	T	BRL	CB
BMFBOVESPA-Equities	no <sup>1</sup>	DVP3	T+1 <sup>2</sup> ; T+3	BRL	CB
CETIP	no <sup>1</sup>	DVP3	T+1	BRL	CB
<b>Canada</b>					
CDS	yes	DVP2	T+3 <sup>2</sup> , T+0 <sup>3</sup> , T+2 <sup>4</sup> , T+3 <sup>5</sup>	CAD, USD	CB: CAD; B: USD
<b>China</b>					
SD&C	no	DVP1, DVP2	T+1, T+3	RMB, USD, HKD	B
CDC Depository and Settlement System	yes	DVP1	T	RMB	CDC
<b>France</b>					
Euroclear France	yes	DVP1	T+3	EUR	CB
<b>Germany</b>					
Clearstream Banking Frankfurt	yes	DVP1	T+2 <sup>3</sup> , T- T+40 <sup>4</sup>	EUR, 42	CB, B
<b>Hong Kong SAR</b>					
CCASS	yes	<sup>4</sup>	T+2	HKD, USD	B
CMU	yes	DVP1, DVP3	T+0- T+2	HKD, USD, EUR, CNY	CB
<b>India</b>					
RBI (SSS)	yes	DVP3	T+0, T+1	INR	CB
NSDL	yes	DVP3	T+2	INR	B
CDSL	yes	DVP3	T+2	INR	B
<b>Italy</b>					
Monte Titoli	yes	DVP1, DVP3	T+3 <sup>2</sup> , T- T+n <sup>3</sup>	EUR	CB
<b>Japan</b>					
BOJ	yes	DVP1	T- T+3	JPY	CB
	yes	DVP1	T- T+3	JPY	CB
JASDEC	no	DVP2	T- T+3	JPY	CB
	no	DVP3	T+2, T+3	JPY	CB, B
<b>Korea</b>					
Korea Securities Depository	yes	DVP1, DVP3	T, T+1, T+2	KRW	CB, B
<b>Mexico</b>					
Indeval	yes	DVP3 <sup>1</sup>	T - T+4	MXN	CB
<b>Netherlands</b>					
Euroclear Netherlands	yes	DVP1	T+3	EUR/non-EUR	CB, B
<b>Russia</b>					
NDC	yes	DVP1, DVP3	T+0	RUR, USD, EUR, CHF	MICEX SH
DCC	yes	DVP2	T+4	RUR, USD	RTS SC
<b>Saudi Arabia</b>					
Tadawul	yes	DVP1 <sup>2</sup> , DVP3 <sup>3</sup>	T+0 <sup>2</sup> , T+2 <sup>3</sup>	SAR	CB, B
<b>Singapore</b>					
MEPS+ SGS	yes	DVP1	T+1, T+2, T+3	SGD	CB
DCSS	yes	DVP1	T+n2	SGD	CB
CDP	yes	DVP2	T+3	SGD, AUD, HKD, USD	B
<b>South Africa</b>					
SAFIRES	yes	DVP1	T+3 <sup>2</sup> , T+5 <sup>3</sup>	ZAR	CB
<b>Sweden</b>					
Euroclear Sweden	yes	yes	T+2, T+3	SEK, EUR	CB

For the footnotes regarding the systems, see after this table.

Table CSD1 (cont)

System	Intraday finality	DVP (Delivery Versus Payment)	Delivery lag (T+n)	Currencies	Cash settlement agent
<b>Switzerland</b> SECOM	yes	DVP1	T, T+3	35	CB: CHF; B: CHF and all other 34 currencies: SIX SIS
<b>Turkey</b> Takasbank	yes	DVP3	T+0 <sup>5</sup> , T+1 <sup>6</sup> , T+2 <sup>7</sup>	TRY, USD, EUR	Takasbank
Central Registry Agency	yes	DVP1 <sup>8</sup> , DVP3 <sup>9</sup>	T+0, T+2	TRY	Takasbank
TIC-ESTS	yes	DVP1	nap	TRY	CB
<b>United Kingdom</b> CREST	yes	DVP1 <sup>2</sup> , DVP2 <sup>3</sup>	T <sup>4</sup> , T+1 <sup>5</sup> , T+3 <sup>6</sup>	GBP, EUR, USD	CB, B
<b>United States</b> NBES <sup>1</sup>	yes	DVP1	T, T+1	USD	CB
DTC	no	DVP2	T, T+3	USD	CB

**Australia:** <sup>1</sup> ASX Group. <sup>2</sup> Australian eastern standard time. <sup>3</sup> Australian eastern daylight-saving time. <sup>4</sup> Short-term debt securities if terms are agreed prior to midday. <sup>5</sup> Short-term debt securities if terms are agreed after midday. <sup>6</sup> Long-term debt securities.

**Belgium:** <sup>1</sup> Monetary policy and credit operations.

**Brazil:** <sup>1</sup> Some special transactions have intraday finality. <sup>2</sup> Payments relating to derivatives on stocks.

**Canada:** <sup>1</sup> Once payment exchange commences usually at 16:00, no further funds settlement is permitted that day; however, securities settlement can occur up to 19:30. <sup>2</sup> Equities. <sup>3</sup> GoC T-bills and money market securities. <sup>4</sup> GoC bonds with maturity of three years or less. <sup>5</sup> GoC bonds with maturity of more than three years and all provincial, municipal, corporate and other bonds or other certificates of indebtedness including mortgage-backed securities.

**China:** <sup>1</sup> Shanghai Stock Exchange and Shenzhen Stock Exchange each hold 50% of SD&C's shares. <sup>2</sup> There is no official name for the system yet.

**France:** <sup>1</sup> ESES France replaced RGV2 in November 2007 while the revocable channel was suppressed. <sup>2</sup> Eleven links are operating in EUR.

**Germany:** <sup>1</sup> Deutsche Börse AG. <sup>2</sup> 17:30 for specific Euro GC pooling transactions. <sup>3</sup> For stock exchange. <sup>4</sup> For over-the-counter.

**Hong Kong SAR:** <sup>1</sup> Equities include ordinary shares, preference shares, registered warrants, provisional allotment letters representing nil paid rights; structured products include derivative warrants, equity linked instruments, callable bull/bear contracts; Bonds include Exchange Fund notes, Hong Kong SAR retail bonds and Hong Kong SAR Link Retail Bonds; unit trust funds includes Exchange Traded Funds. <sup>2</sup> CCASS stands for Central Clearing and Settlement System. <sup>3</sup> Austraclear in Australia and New Zealand, Korean Securities Depository in South Korea, China Govt Sec Depository Trust and Clearing Com Ltd in Mainland China. <sup>4</sup> Exchange trade: They are settled under continuous net settlement system on a netting basis, with final transfer of securities from the seller to the buyer at securities-on-hold status occurring throughout the 4 batches settlement runs processing cycle on T+2, with the final netting funds from the buyer to the seller on same value day. The allocated on-hold securities will become available upon receipt of bank confirmation of brokers' designated banks at about 09:30 on T+3; Non-exchange trade: securities transfer instructions are settled on a trade-by-trade basis, with final transfer of securities from the seller to the buyer occurring throughout the 4 batch settlement runs processing cycle, with the final transfer of fund from the buyer to the seller on same value day.

**Italy:** <sup>1</sup> Monte Titoli spa. <sup>2</sup> For main regulated markets (eg stock exchange) and MTFs. <sup>3</sup> For OTC trades.

**Japan:** <sup>1</sup> For commercial paper, corporate and other debt securities, investment trusts. <sup>2</sup> For equities traded outside the exchanges. <sup>3</sup> For exchange-traded equities cleared via the Japan Securities Clearing Corporation.

**Korea:** <sup>1</sup> Transactions on exchange. <sup>2</sup> OTC Market. <sup>3</sup> Links to other CSDs through global custodians, counted on a country basis.

**Mexico:** <sup>1</sup> DVP settlement cycle occurs every two minutes or less.

**Netherlands:** <sup>1</sup> Euroclear Group.

**Russia:** <sup>1</sup> For depo orders on OTC transactions. For some transactions other closing time may be set during the business day, until that time depo orders are accepted and being settled within the same business day. <sup>2</sup> For settlement at the stock exchange. <sup>3</sup> Via NDC accounts open with CSDs. <sup>4</sup> Via DCC accounts open with CSDs. <sup>5</sup> Via VTB Bank account.

**Saudi Arabia:** <sup>1</sup> Tadawul. <sup>2</sup> For equities. <sup>3</sup> For bonds.

**Singapore:** <sup>1</sup> Intra-day repo trading is possible, but rare; in such cases, transactions must be completed by 16:30. <sup>2</sup> By mutual agreement between counterparties.

**South Africa:** <sup>1</sup> The owners are stock exchange and banks and the manager is STRATE Ltd. <sup>2</sup> T+3 for bonds. <sup>3</sup> T+5 for equities.

**Switzerland:** <sup>1</sup> The Swiss National Bank owns an immaterial number of shares of SIX Group. <sup>2</sup> For central bank money. <sup>3</sup> For commercial bank money.

**Turkey:** <sup>1</sup> Takasbank is the custodian for non-fungible domestic stocks. <sup>2</sup> Takasbank is the custodian for domestic private pension funds. <sup>3</sup> Takasbank is owned by 19 banks and 67 brokerage houses, none of which can exceed a 5% share. <sup>4</sup> Settlement is processed and finalized through the CRA-Takasbank integrated system. Takasbank, as the cash clearing agent, manages the DVP system. <sup>5</sup> G-Bonds, T-Bills and Repos. <sup>6</sup> Derivatives T+1 until 14:00. <sup>7</sup> Equities. <sup>8</sup> Securities for delivery lag of T+0. <sup>9</sup> Securities for delivery lag of T+2.

**United Kingdom:** <sup>1</sup> Owned and operated by Euroclear UK and Ireland. <sup>2</sup> For sterling and euro settlement. <sup>3</sup> For US dollar settlement. <sup>4</sup> T for delivery by value transactions. <sup>5</sup> T+1 for gilts. <sup>6</sup> T+3 for equities.

**United States:** <sup>1</sup> NBES is the Federal Reserve's National Book-Entry System. <sup>2</sup> Eastern time. <sup>3</sup> NBES is the Federal Reserve's National Book-Entry System.

Table CSD2

## Transactions processed by selected central securities depositories: number of transactions

(total for the year)

System	Number of transactions (millions)					Increase in the number of transactions (% change on previous year)				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
<b>Australia</b>										
ASX Settlement	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Austraclear	nav	nav	nav	nav	0.24	nav	nav	nav	nav	nav
<b>Belgium</b>										
NBB SSS	0.27	0.28	0.30	0.33	0.34	-3.6	5.3	7.9	8.6	2.7
Euroclear Belgium	1.04	1.20	1.35	1.26	1.80	nav	16.2	12.4	-6.7	42.8
Euroclear Bank	27.0	33.9	40.7	37.0	38.4	12.4	25.9	19.8	-9.0	3.7
<b>Brazil</b>										
SELIC	2.44	2.53	2.56	2.71	2.65	7.2	3.8	1.2	5.9	-2.2
BMFBOVESPA-Equities	34.2	51.8	74.3	112.6	118.6	24.7	51.7	43.3	51.6	5.4
CETIP	5.4	9.6	13.5	18.9	21.5	135	77.8	40.6	40.0	13.8
<b>Canada</b>										
CDS	66	101	139	207	259	33.8	53.7	36.7	49.4	24.9
<b>China</b>										
SD&C	734	1,469	4,985	3,917	7,070	nav	100.0	239.4	-21.4	80.5
CDC Depository and Settlement System	132	148	141	212	272	nav	11.6	-4.2	49.9	28.0
<b>France</b>										
Euroclear France	30.5	32.8	34.5	30.4	26.6	17.8	7.4	5.3	-11.9	-12.3
<b>Germany</b>										
Clearstream Banking Frankfurt	47.3	59.1	67.2	56.0	55.9	nav	25.1	13.7	-16.7	-0.3
<b>Hong Kong SAR</b>										
CCASS	6.3	9.1	16.7	15.7	17.5	5.4	43.4	83.2	-5.9	11.5
CMU	0.04	0.04	0.04	0.03	0.06	26.8	-6.3	6.4	-13.7	79.5
<b>India</b>										
RBI (SSS)	nav	nav	nav	nav	0.03	nav	nav	nav	nav	nav
NSDL	124.45	131.32	192.39	123.47	175.29	32.9	5.5	46.5	-35.8	42.0
CDSL	42.05	49.78	72.41	62.75	78.61	57.7	18.4	45.5	-13.3	25.3
<b>Italy</b>										
Monte Titoli	26.5	28.6	30.3	26.0	28.6	-1.4	8.1	6.0	-14.2	9.8
<b>Japan</b>										
BOJ	3.33	3.69	4.28	4.49	3.90	6.7	10.6	16.2	4.8	-13.1
JASDEC	61.5	60.6	65.4	73.8	88.1	27.8	-1.4	7.9	12.8	19.3
<b>Korea</b>										
KSD	0.68	5.98	6.98	7.38	7.93	39.9	783	16.7	5.9	7.4
<b>Mexico</b>										
Indeval	3.08	3.59	4.13	4.09	3.87	nav	16.4	15.1	-1.0	-5.4
<b>Netherlands</b>										
Euroclear Netherlands	3.13	3.85	4.60	4.40	4.89	56.3	23.0	19.6	-4.3	11.1
<b>Russia</b>										
NDC	1.11	1.91	2.49	2.54	2.48	nav	71.1	30.4	2.0	-2.2
DCC	0.29	0.35	0.39	0.38	0.21	nav	22.4	9.6	-1.3	-45.9
<b>Saudi Arabia</b>										
Tadawul	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
<b>Singapore</b>										
MEPS+ SGS	0.05	0.04	0.06	0.08	0.06	0.6	-2.7	36.4	38.3	-32.5
DCSS	26.03	36.60	44.26	61.84	53.11	-8.4	40.6	20.9	39.7	-14.1
CDP	0.20	0.27	0.47	0.48	0.41	205	34.5	72.0	3.9	-15.1
<b>South Africa</b>										
SAFIRES	1.90	2.31	2.69	3.10	3.16	nav	21.3	16.4	15.1	2.2
<b>Sweden</b>										
VPC	14.7	20.4	28.1	32.3	nav	nav	38.8	37.5	14.9	nav
Euroclear Sweden	nav	nav	nav	nav	28.6	nav	nav	nav	nav	nav
<b>Switzerland</b>										
SECOM	25.1	32.8	49.6	69.3	55.8	13.2	30.7	51.0	39.8	-19.5
<b>Turkey</b>										
Takasbank	0.00	0.00	0.00	0.00	0.00	nav	-42.0	9.8	-16.1	-93.6
Central Registry Agency	0.27	3.12	4.06	3.22	6.28	nav	1,072	30.4	-20.8	95.3
TIC-ESTS	0.10	0.10	0.10	0.10	0.08	nav	-6.4	4.0	0.2	-16.0
<b>United Kingdom</b>										
CREST	59.1	62.3	66.3	59.0	56.4	8.3	5.5	6.4	-11.0	-4.5
<b>United States</b>										
NBES	22.4	22.3	24.2	25.0	21.1	10.9	-0.3	8.7	3.3	-15.7
DTC	263	293	325	317	300	8.2	11.3	11.0	-2.6	-5.4

Table CSD3

## Transactions processed by selected central securities depositories: value of transactions

(total for the year)

System	Value of transactions (USD billions) <sup>1</sup>					Average value per transaction (USD thousands) <sup>1</sup>				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
<b>Australia</b>										
ASX Settlement	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Austraclear	nav	nav	nav	nav	8,279	nav	nav	nav	nav	nav
<b>Belgium</b>										
NBB SSS	6,391	7,517	9,021	12,143	10,304	24,025	26,848	29,871	37,022	30,575
Euroclear Belgium	201	546	1,235	453	554	194	454	913	360	308
Euroclear Bank	191,780	274,159	390,645	363,996	300,000	7,112	8,076	9,606	9,839	7,817
<b>Brazil</b>										
SELIC	47,648	63,874	84,788	106,720	124,680	19,568	25,263	33,123	39,376	47,060
BMFBOVESPA-Equities	102	172	437	452	385	3.00	3.32	5.89	4.02	3.24
CETIP	1,749	2,154	2,927	4,964	5,534	324	224	217	263	257
<b>Canada</b>										
CDS	41,166	53,587	57,230	57,590	58,869	624	528	413	278	228
<b>China</b>										
SD&C	2,161	2,952	13,369	9,420	19,332	2.9	2.0	2.7	2.4	2.7
Settlement System	786	1,398	2,252	5,967	7,158	5.9	9.5	15.9	28.1	26.4
<b>France</b>										
Euroclear France	159,571	155,509	209,719	196,439	163,383	5,230	4,748	6,080	6,465	6,133
<b>Germany</b>										
Clearstream Banking Frankfurt	48,623	52,207	79,402	91,402	92,803	nav	7	52	1,632	1,662
<b>Hong Kong SAR</b>										
CCASS	1,471	2,778	6,488	6,082	5,278	232	305	389	388	302
CMU	852	1,150	1,531	1,584	5,542	21,738	31,311	39,197	46,997	91,606
<b>India</b>										
RBI (SSS)	nav	nav	nav	nav	5,212	nav	nav	nav	nav	156,754
NSDL	545	708	1,335	870	1,406	4.38	5.39	6.94	7.04	8.02
CDSL	87	98	143	63	136	2.07	1.98	1.98	1.00	1.74
<b>Italy</b>										
Monte Titoli	84,622	82,227	95,002	98,311	100,189	3,197	2,873	3,132	3,776	3,505
<b>Japan</b>										
BOJ	147,008	160,521	188,615	213,624	211,008	44,093	43,523	44,028	47,560	54,046
JASDEC <sup>1</sup>	5,605	8,989	12,262	14,047	14,016	91	148	188	190	159
<b>Korea</b>										
KSD	2,900	2,966	3,133	2,949	3,496	4,282	496	449	399	441
<b>Mexico</b>										
Indeval	55,312	61,502	73,742	76,680	66,060	17,930	17,135	17,843	18,748	17,065
<b>Netherlands</b>										
Euroclear Netherlands	nav	nav	nav	nav	3,594	nav	nav	nav	nav	736
<b>Russia</b>										
NDC	523	1,131	2,365	2,458	1,896	469	593	951	968	763
DCC	68	192	334	368	121	237	543	862	960	584
<b>Saudi Arabia</b>										
Tadawul	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
<b>Singapore</b>										
MEPS+ SGS	339	377	576	604	475	7,506.1	8,568.0	9,599.0	7,281.0	8,483.5
DCSS	3.96	4.43	4.84	4.13	0.16	0.2	0.1	0.1	0.1	0.0
CDP	123	189	401	273	235	612.2	697.1	861.1	564.6	571.6
<b>South Africa</b>										
SAFIRES	3,537	2,724	3,122	4,998	2,861	1,857	1,179	1,161	1,614	904
<b>Sweden</b>										
VPC	13,790	16,297	19,121	18,154	nav	937	798	681	563	nav
Euroclear Sweden	nav	nav	nav	nav	9,443.45	nav	nav	nav	nav	330
<b>Switzerland</b>										
SECOM	8,618	9,478	11,383	16,282	12,617	343	289	230	235	226
<b>Turkey</b>										
Takasbank	0.26	0.09	0.37	0.06	0.05	2,948.6	1,702.7	6,661.7	1,172.4	16,042.9
Central Registry Agency	23	245	425	378	261	87	79	105	117	42
TIC-ESTS	0.001	0.002	0.002	0.003	0.003	0.013	0.023	0.020	0.028	0.038

<sup>1</sup> Converted at yearly average exchange rates.**Japan:** <sup>1</sup> Data refer to total transactions during the fiscal year ending March of the following year (see Japan, Table26). As a consequence, they are converted at average fiscal-year exchange rates.



Table CSD3 (cont)

System	Value of transactions (USD billions) <sup>1</sup>					Average value per transaction (USD thousands) <sup>1</sup>				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
<b>United Kingdom</b>										
CREST	161,041	181,294	223,567	210,148	278,248	2,726.0	2,908.8	3,369.9	3,559.1	4,937.0
<b>United States</b>										
NBES	368,897	377,259	435,578	419,347	295,742	16,499	16,926	17,986	16,769	14,029
DTC	148,200	179,000	210,000	182,000	122,000	563.5	611.5	646.4	574.9	407.3

<sup>1</sup> Converted at yearly average exchange rates.

Table CSD3 (cont)

System	Increase in the real value of transactions (% change on previous year, adjusted by CPI inflation)					Value of transactions as a percentage of GDP (in %)				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
<b>Australia</b>										
ASX Settlement	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
Austraclear	nav	nav	nav	nav	nav	nav	nav	nav	nav	831
<b>Belgium</b>										
NBB SSS	4.2	13.8	8.0	20.5	-10.7	1,699	1,884	1,967	2,406	2,184
Euroclear Belgium	nav	162.9	103.6	-67.1	28.6	53	137	269	89.8	117.5
Euroclear Bank	13.6	38.3	28.3	-16.6	-13.3	50,984	68,694	85,192	72,112	63,594
<b>Brazil</b>										
SELIC	7.8	16.3	13.7	12.1	21.5	5,401	5,869	6,207	6,526	7,908
BMFBOVESPA-Equities	26.5	45.8	117.7	-7.9	-11.5	12	16	32	28	24
CETIP	0.1	6.9	16.4	51.0	16.0	198	198	214	304	351
<b>Canada</b>										
CDS	nav	19.4	-0.9	-2.5	9.2	3,631	4,190	4,021	3,838	4,402
<b>China</b>										
SD&C	nav	30.4	306.9	-38.2	106.2	95	109	383	205	394
CDC Depository and	nav	69.8	44.8	132.3	20.5	35	52	64	130	146
<b>France</b>										
Euroclear France	10.5	-5.3	21.7	-15.1	-12.6	7,443	6,863	8,086	6,891	6,159
<b>Germany</b>										
Clearstream Banking Frankfurt	nav	4.4	36.3	4.8	6.6	1,746	1,789	2,385	2,518	2,783
<b>Hong Kong SAR</b>										
CCASS	19.4	85.0	130.0	-10.3	-14.0	827	1,463	3,133	2,824	2,522
CMU	53.9	32.1	31.1	-1.0	246.6	479.38	605.24	739.30	735.36	2,648.31
<b>India</b>										
RBI (SSS)	nav	nav	nav	nav	nav	nav	nav	nav	nav	404.85
NSDL	51.6	27.5	63.8	-36.8	62.6	64.81	74.95	111.42	67.73	109.20
CDSL	60.0	10.9	26.5	-57.4	118.4	10.36	10.42	11.96	4.89	10.60
<b>Italy</b>										
Monte Titoli	nav	-5.9	3.8	-6.5	6.4	4,766	4,413	4,490	4,286	4,740
<b>Japan</b>										
BOJ	15.1	15.0	18.9	-1.9	-9.5	3,228	3,680	4,309	4,381	4,191
JASDEC	2,682	65	33	-0.6	-6.5	126.5	207.2	271.7	279.8	276.3
<b>Korea</b>										
KSD	10	-7	0	6.7	33.5	343.3	311.9	298.6	316.7	419.8
<b>Mexico</b>										
Indeval	nav	7	16	0.8	-0.8	6,514.1	6,457.6	7,189.3	7,040.1	7,548.3
<b>Netherlands</b>										
Euroclear Netherlands	nav	nav	nav	nav	nav	nav	nav	nav	nav	452
<b>Russia</b>										
NDC	nav	90.9	75.8	-11.0	-9.5	68	114	182	148	155
DCC	nav	147.5	46.3	-5.8	-61.4	9	19	26	22	10
<b>Saudi Arabia</b>										
Tadawul	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
<b>Singapore</b>										
MEPS+ SGS	6.8	5.0	41.9	-7.6	-19.7	283.5	276.0	357.0	332.1	260.7
DCSS	-12.6	5.6	1.6	-24.9	-96.1	3.3	3.2	3.0	2.3	0.1
CDP	11.4	44.8	97.4	-40.0	-12.1	102.9	138.3	248.6	150.2	128.9
<b>South Africa</b>										
SAFIRES	nav	-22.6	9.6	71.0	-44.9	1,432.1	1,042.8	1,091.7	1,805.8	1,002.6
<b>Sweden</b>										
VPC	nav	14.9	5.7	-10.5	nav	3,724	4,084	4,134.05	3,732.06	nav
Euroclear Sweden	nav	nav	nav	nav	nav	nav	nav	nav	nav	2,336.91
<b>Switzerland</b>										
SECOM	12.3	9.4	14.1	26.1	-22.0	2,316	2,422	2,621	3,241	2,558
<b>Turkey</b>										
Takasbank	nav	-67.4	260.5	-86.7	-1.9	0	0	0	0	0
Central Registry Agency	nav	938.5	45.2	-19.7	-22.5	5	46	66	51	42
TIC-ESTS	nav	62.7	-23.0	26.6	28.5	0	0	0	0	0
<b>United Kingdom</b>										
CREST	12.2	8.6	10.8	-1.0	52.3	7,068	7,418	7,952	7,924	12,765
<b>United States</b>										
NBES	14.3	-0.6	12.6	-7.2	-29.4	2,919	2,816	3,098	2,918	2,095
DTC	21.2	17.4	14.4	-16.4	-32.9	1,173	1,336	1,493	1,267	864

<sup>1</sup> Converted at yearly average exchange rates.

Table CSD4

## Participation in selected central securities depositories

(end of year)

System	Total number of participants				
	2005	2006	2007	2008	2009
<b>Australia</b>					
ASX Settlement	109	110	113	120	93
Austraclear	nav	nav	nav	848	763
<b>Belgium</b>					
NBB SSS	94	91	90	86	86
Euroclear Belgium	81	77	77	77	77
Euroclear Bank	1,497	1,409	1,381	1,346	1,324
<b>Brazil</b>					
SELIC	4,485	4,927	5,739	6,671	7,387
BMFBOVESPA-Equities	236	232	227	213	203
CETIP	4,894	5,582	7,123	8,261	9,109
<b>Canada</b>					
CDS	95	100	103	98	97
<b>China</b>					
SD&C	nap	nap	nap	nap	nap
CDC Depository and	6,569	6,429	7,080	8,291	9,247
<b>France</b>					
Euroclear France	198	161	143	139	125
<b>Germany</b>					
Clearstream Banking Frankfurt	369	358	340	340	371
<b>Hong Kong SAR</b>					
CCASS	14,715	17,071	19,571	21,973	22,709
CMU	172	170	175	174	174
<b>India</b>					
RBI (SSS)	nav	nav	nav	nav	168
NSDL	222	239	250	274	286
CDSL	309	363	415	466	502
<b>Italy</b>					
Monte Titoli	361	349	356	325	299
<b>Japan</b>					
BOJ	335	330	329	314	306
JASDEC	276	288	290	264	248
<b>Korea</b>					
KSD	nav	nav	nav	nav	nav
<b>Mexico</b>					
Indeval	174	175	174	109	110
<b>Netherlands</b>					
Euroclear Netherlands	57	58	59	54	74
<b>Russia</b>					
NDC	688	738	817	908	892
DCC	391	399	409	417	441
<b>Saudi Arabia</b>					
Tadawul	28	32	40	51	57
<b>Singapore</b>					
MEPS+ SGS	64	57	58	60	63
DCSS	44	44	45	46	47
CDP	64	64	65	66	62
<b>South Africa</b>					
SAFIRES	27	27	27	27	27
<b>Sweden</b>					
VPC	39	41	43	46	nav
Euroclear Sweden	nav	nav	nav	nav	45
<b>Switzerland</b>					
SECOM	437	391	402	431	443
<b>Turkey</b>					
Takasbank	144	123	106	89	91
Central Registry Agency	444	462	465	469	457
TIC-ESTS	50	48	48	48	48
<b>United Kingdom</b>					
CREST	43,051	43,696	45,271	37,153	36,503
<b>United States</b>					
NBES	3,024	2,829	2,645	2,588	2,566
DTC	334	369	467	413	390

Table CSD5

## Securities held on account at selected central securities depositories

(end of year)

System	Number of securities held (thousands except as noted)					Market capitalisation (USD billions) <sup>1</sup>				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
<b>Australia</b>										
ASX Settlement	1.87	2.01	2.21	2.22	2.18	814	1,100	1,304	671	1,258
Austraclear	nav	nav	nav	nav	nav	nav	nav	680	682	954
<b>Belgium</b>										
NBB SSS	nav	1.66	1.70	1.87	1.48	345	397	494	555	666
Euroclear Belgium	nav	3.84	nav	nav	nav	282	363	325	189	204
Euroclear Bank	171	215	250	208	199	8,335	10,578	13,418	12,305	13,845
<b>Brazil</b>										
SELIC	2.95	2.08	1.53	1.06	0.79	554	678	916	767	1,191
BMFBOVESPA-Equities	1.23	1.24	1.29	1.23	1.22	222	341	634	278	501
CETIP	940	1,290	1,486	2,007	2,478	381	556	892	857	1,381
<b>Canada</b>										
CDS	nav	88.3	78.0	77.4	76.4	2,427	2,729	3,384	2,383	3,238
<b>China</b>										
SD&C	1.7	1.8	1.9	1.9	2.2	461	1,222	4,562	1,834	3,693
CDC Depository and	0.5	0.8	0.9	1.1	1.4	8,995	11,840	16,885	22,108	25,672
<b>France</b>										
Euroclear France	28.8	31.7	38.8	45.8	33.3	5,220	6,609	7,820	6,287	7,252
<b>Germany</b>										
Clearstream Banking Frankfurt	nav	1,049	3,326	4,639	4,328	6,709	8,147	9,057	4,068	4,512
<b>Hong Kong SAR</b>										
CCASS	2,556	3,281	5,997	5,741	6,542	389	741	1,338	647	1,193
CMU	1.48	1.45	1.17	1.00	0.89	48.9	51.1	51.2	50.3	98.1
<b>India</b>										
RBI (SSS)	nav	nav	nav	nav	0	nav	nav	nav	nav	608
NSDL <sup>1</sup>	174,722	202,701	236,897	282,870	351,138	550	711	1,111	641	1,203
CDSL <sup>1</sup>	27,217	31,254	49,815	70,823	77,954	52	64	150	91	180
<b>Italy</b>										
Monte Titoli	41.9	44.4	45.7	45.4	43.0	2,912	3,549	4,081	3,803	4,069
<b>Japan</b>										
BOJ	nav	nav	nav	nav	nav	6,359	6,451	6,941	8,686	8,770
JASDEC <sup>1</sup>	29.2	80.8	88.3	89.1	86.1	227	2,497	3,703	3,711	3,972
<b>Korea</b>										
KSD	15.9	17.7	21.1	25.8	30.2	1.42	1.68	2.05	1.28	1.78
<b>Mexico</b>										
Indeval	4.3	4.8	5.5	6.5	6.8	602	755	854	674	896
<b>Netherlands</b>										
Euroclear Netherlands	4,210	5,346	6,352	8,665	879,590	1,039	1,256	1,391	1,140	1,267
<b>Russia</b>										
NDC	1.40	1.70	2.40	2.80	2.90	94	159	251	199	252
DCC	2.82	3.57	3.98	4.00	3.98	32	87	126	31	75
<b>Saudi Arabia</b>										
Tadawul <sup>1</sup>	2,982	19,328	30,619	39,503	41,223	650	327	519	247	319
<b>Singapore</b>										
MEPS+ SGS	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
DCSS	nav	nav	nav	nav	nav	nav	nav	nav	nav	nav
CDP	nav	nav	nav	nav	nav	564	553	923	666	893
<b>South Africa</b>										
SAFIRES	1.43	1.60	1.99	1.98	1.83	568	631	756	429	688
<b>Sweden</b>										
VPC	nav	nav	nav	nav	nav	868	1,122	1,069	925	nav
Euroclear Sweden	nav	nav	nav	nav	nav	nav	nav	nav	nav	1,144
<b>Switzerland</b>										
SECOM	108	111	152	168	202	1,917	2,453	2,746	2,294	2,777
<b>Turkey</b>										
Takasbank	1,361	2,134	2,093	1,972	2,013	4.23	6.21	4.49	4.26	6.10
Central Registry Agency <sup>1</sup>	150,990	142,963	244,013	228,363	369,308	170	181	312	137	254
TIC-ESTS	0.29	0.37	0.36	0.38	0.44	0	0	0	0	0

<sup>1</sup> Converted at end of year exchange rates.**Japan:** <sup>1</sup> Data refer to total transactions during the fiscal year ending March of the following year (see Japan, Table23). As a consequence, they are converted at end-March of following year exchange rates.**India:** <sup>1</sup> For number of securities hold, millions.**Saudi Arabia:** <sup>1</sup> For number of securities hold, millions.**Turkey:** <sup>1</sup> For number of securities hold, millions.

**Table CSD5 (cont)**

System	Number of securities held (thousands)					Market capitalisation (USD billions) <sup>1</sup>				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
<b>United Kingdom</b>										
CREST	7.4	8.4	9.3	10.1	10.5	3,890	4,982	4,828	2,974	4,717
<b>United States</b>										
NBES	1,117	1,128	1,140	1,148	1,152	31,945	35,903	43,359	47,427	52,662
DTC	2,600	2,800	3,500	3,500	3,550	31,200	36,000	40,000	28,000	34,000

<sup>1</sup> Converted at end of year exchange rates.



## **Annexes**





## General comments

<i>Exceptions</i>	<p>Data in the tables conform to this methodology unless indicated otherwise in the table concerned.</p> <p>However, it should be noted that varying methods of collecting data can also complicate cross-country comparisons.</p>
<i>Breaks in series</i>	<p>Where these occur, they are indicated by a footnote.</p>
<i>Sources of data</i>	<p>These are indicated under the table concerned where appropriate.</p>
<i>Definitions</i>	<p>Definitions in the tables which are not given in this methodology are based on "A glossary of terms used in payments and settlement systems", revised version, March 2003 (<a href="http://www.bis.org/publ/cpss00b.htm">http://www.bis.org/publ/cpss00b.htm</a>).</p> <p>Where necessary, footnotes to individual tables explain the country-specific definitions, eg of "banks". (Note that in general the term "banks" should be broadly construed according to local regulations so as to include all relevant financial institutions, eg "credit institutions" in EU countries.)</p>
<i>Intrabank items</i>	<p>These are included as appropriate except where indicated.</p>
<i>Foreign currency</i>	<p>Foreign currencies are not included in the figures unless otherwise indicated.</p>
<i>Time period</i>	<p>Each table indicates the period (eg year) or point in time (eg end-year) for which the data are presented. The data are totals unless the table explicitly indicates otherwise (eg a daily average).</p>
<i>Estimated data</i>	<p>Where data are broadly estimated and thus only indicative, this is indicated in a footnote (except for population and GDP in Table 1 and data in Country Tables 7 and 8, where it is taken for granted that the data are estimated).</p>
<i>Seasonal adjustment</i>	<p>Figures are not seasonally adjusted unless otherwise indicated.</p>
<i>"nap", "nav" and "0"</i>	<p>Where data are not applicable (ie the category does not exist in the reporting country), this is indicated by "nap". Where data are not available (ie the category exists, but data are not available), this is indicated by "nav". Where data are exactly zero or none this is indicated by "0".</p>



## Statistical methodology for the country tables

### General

Stock data are collected at annual frequency with reference date end-December, except when specified otherwise. Transaction data cover the whole calendar year.

Note that definitions are only provided once. The items only appear on the left-hand side of this methodology when they appear for the first time in the tables, in which case a definition is given, or when there are some specific methodological issues in the table concerned.

### Basic information: banknotes and coin; institutions; transferable deposits

#### Table 1: Basic statistical data

<i>Population</i>	Average for the year (computed as the average of two point values at the start and end of the year, or otherwise).
<i>GDP</i>	Nominal (not real) GDP.
<i>GDP per capita</i>	<i>GDP</i> divided by <i>population</i> .
<i>CPI inflation</i>	Changes in the price of consumer goods and services (yearly averages of monthly values), in per cent.
<i>Exchange rate (domestic currency vis-à-vis USD)</i>	Provided both as a year-end value and as an average for the year.

#### Table 2: Settlement media used by non-banks

<i>Notes and coin (or currency) in circulation outside banks</i>	The value of cash in circulation in the economy. The figure excludes notes and coin kept in vaults at central banks or at banks (see Table 4) but includes holdings by non-residents. It also excludes commemorative coins that are not used for payments, unless otherwise indicated.
<i>Transferable deposits</i>	Deposits which are convertible into currency and/or can be used to make cashless payments using one of the instruments mentioned in Tables 7 and 8, as included in the national definition of M1. They include, when relevant, overnight overdrafts on these accounts. In addition, they include deposits in foreign currencies and outstanding values on e-money storages if these are also included in M1.
<i>Other</i>	Items other than notes and coin and transferable deposits included in M1.
<i>Narrow money supply (M1)</i>	Cash in circulation and transferable deposits held by non-banks including non-residents, unless otherwise indicated.
<i>E-money storages</i>	Instruments for storing e-money funds, eg cards (card-based, see cards with an e-money function in Table 6), personal computers or servers (computer-based, of which software- or network-based) or other devices like mobile phones (mobile-based, with the funds stored locally on a mobile phone).
<i>Software-based</i>	Electronic money products which employ specialised software on a personal computer and which can typically be used to transfer electronic value via telecommunications networks such as the internet.
<i>Network-based</i>	Electronic money products which allow consumers to store monetary value

on a centrally located server. This value can subsequently be used for making payments on the internet.

*Outstanding value on e-money storages* The difference between the value of cash loaded onto an e-money storage and the value spent. The value loaded is issued against a payment to the issuer in advance and is widely accepted as a means of payment by parties other than the issuer. The value of electronic money held by banks other than the issuer is included, unless otherwise specified.

**Table 3: Settlement media used by banks**

<i>Transferable balances held at the central bank</i>	Deposits held by banks at the central bank which can be used for payment purposes, regardless of the type of account (eg current account, reserve account, settlement account, clearing account).
<i>Required reserves</i>	Funds that banks are required to hold at the central bank. If only part of the required reserves can be used for payment purposes, that amount is indicated here.
<i>Free reserves</i>	Funds held voluntarily at the central bank that can be used for payment purposes.
<i>Transferable balances held at other banks</i>	Deposits held at other banks in the country (not at the central bank) which are convertible into currency and/or can be used for payment purposes.
<i>Credit extended by the central bank</i>	<p><i>Intraday:</i> credit extended by the central bank for a period of less than one business day. It is calculated as the average of the daily maximum value of simultaneous intraday overdraft positions or drawings on intraday credit facilities during the day for the aggregate of all banks, over the opening days of the interbank payment system.</p> <p><i>Overnight:</i> credit extended by the central bank (in the forms specified by the respective country) at the end of the day, in order to cover any (unexpected) overdrafts caused by banks' payment activities. This includes discount window facilities in the United States and marginal lending facilities in the euro area countries. It is calculated as the average of the daily total value for the aggregate of all banks, over the opening days of the interbank payment system.</p> <p><i>Longer-term refinancing operations:</i> credit of varying maturities extended by the central bank (in the forms specified by the respective country) through its monetary policy operations. Although banks' borrowing of these funds is not determined by their payment activities, the funds are made available in the payment system and therefore contribute to the liquidity of the system.</p>

**Table 4: Banknotes and coin**

<i>Total banknotes and coin issued</i>	Value of banknotes and coin excluding those kept in vaults at central banks or at treasury departments (but including those held at banks). Commemorative coins that are not commonly used to make payments are excluded.
<i>Total banknotes issued</i>	Value of banknotes which are part of the liabilities of the central bank; a breakdown by denomination is provided.
<i>Total coin issued</i>	Value of coin; a breakdown by denomination is provided.
<i>Banknotes and coin held by banks</i>	Banknotes and coin in banks' vaults and thus not in circulation among the public.
<i>Banknotes and coin in circulation outside banks</i>	Total banknotes and coin in circulation less banknotes and coin held by banks (identical to notes and coin in Table 2).

**Table 5: Institutions offering payment services to non-banks**

<i>Categories</i>	Categories of institutions are based on the individual countries' own financial systems. Particular categories are explained where this is felt to be necessary. As a rule, subsidiaries of foreign banks with legal personality in the reporting country are counted alongside domestic banks. The same holds for the post office when it is recognised as a bank by the national jurisdiction.
<i>Branches of foreign banks</i>	<p>All places of business located in the reporting country of banks headquartered in other countries, which have no legal personality, and which carry out all or some of the transactions inherent in the business of banking.</p> <p>Foreign-owned banks or subsidiaries of foreign banks are included with domestic banks.</p>
<i>Other institutions offering payment services</i>	<p>Non-banking institutions offering payment services to non-banks, such as the post office (when it is not considered as a bank), money remitters, card schemes or public authorities offering such services. Whenever possible, the types of institutions included are indicated.</p> <p>In some countries, information for some or all of these institutions is not available, or is restricted to transaction data (which is shown in Tables 6 to 8). In such cases, Tables 6 to 8 may include information from a larger range of service providers than those included in Table 5; if required, an explanatory footnote is given.</p>
<i>Number of institutions</i>	Any institution which offers payment services is included even if it does not hold deposits for customers (eg because the money transferred is given in cash by the customer to the institution, or debited from a sight account held at another institution). Each institution is counted once, irrespective of the number of branches or offices it holds in the country.
<i>Number of branches or offices</i>	All places of business of an institution that offer cashless payment services to non-banks. The head office of the institution is counted as an office if it offers such services. Mobile offices are excluded.
<i>Number of accounts</i>	The number of accounts held by banks for non-banks (including the government) and individuals, which can be debited directly using one of the instruments mentioned in Tables 7 and 8. This excludes savings accounts; it may include time deposits.
<i>Value of accounts</i>	<p>The aggregate amount of deposits held by non-banks at institutions offering payment services.</p> <p>This amount differs from Table 2, as that table also contains deposits held at institutions which do not offer payment services (eg money market funds).</p>
<i>Electronic money institutions</i>	An undertaking or any other legal person, other than a bank, which issues means of payment in the form of electronic money.
<i>Outstanding value on e-money storages</i>	<p>The value of e-money issued by electronic money institutions and held by entities other than the issuer, including banks other than the issuer.</p> <p>This figure differs from that in Table 2, as that table also contains outstanding value on e-money storages issued by banks.</p>

## Retail payment instruments

**Table 6: Payment card functions and accepting devices**

### A. Cards

A card which has several functions is counted in each relevant line. Therefore, in general, these figures should not be added because of the risk of double-counting. In cases where certain functions are not indicated separately but grouped together, this is indicated in the table concerned.

Cards are counted on the issuing side. Each country reports the number of cards that have been issued in the country (and used for transactions within and outside the country of issue) and not the number of cards used in the country.

All valid cards are included, irrespective of when they were issued and how actively they are used. Expired or withdrawn cards are not included. Cards issued by three-party schemes, eg American Express or Diners, are included. Cards issued by merchants are not included in the standard categories, unless they have been issued in cooperation with a bank. When relevant, they can be included under the memorandum item *Retailer cards*.

<i>Cards with a cash function</i>	Cards enabling the holder to withdraw cash from a cash dispenser and/or to deposit cash.
<i>Cards with a debit function</i>	Cards which enable the holder to have purchases directly charged to funds on his/her account at a bank (may sometimes be combined with another function, such as that of a cash card or cheque guarantee card). The total represents the number of cards in circulation, not the number of accounts to which the cards are linked.
<i>Cards with a delayed debit function</i>	Cards enabling the holder to charge his/her account up to an authorised limit. These cards allow holders to make purchases, but do not offer extended credit, the full amount of the debt incurred having to be settled at the end of a specified period.
<i>Cards with a credit function</i>	Cards indicating that the holder has been granted a line of credit. They enable him/her to make purchases and/or draw cash up to a prearranged ceiling. The credit granted may be settled in full by the end of a specific period, or may be settled in part, with the balance taken as extended credit. Interest is charged on the amount of extended credit and the holder is sometimes charged an annual fee.
<i>Cards with an e-money function</i>	Reloadable multipurpose prepaid cards which can be used at the sites of several service providers for a wide range of purposes and which have the potential to be used on a national or an international scale, but may sometimes be restricted to a certain area.
<i>Cards with an e-money function which have been loaded at least once</i>	These cards can be considered as activated: the loading may be interpreted as indicating the intention to use the e-money function.
<i>Retailer cards</i>	<p>Cards issued by non-banking institutions (merchants) for use at specified retail outlets. May function as cards with a debit, delayed debit or credit function.</p> <p>If the retailer cards have been issued in cooperation with a bank (co-branding) they are included according to the function(s) available on the card; whenever possible these cards are specified as a sub-item.</p> <p>Non-co-branded cards can be included as a memorandum item or as a footnote.</p>

## B. Terminals

ATMs with several functions (eg cash dispensing and credit transfer function) are counted in each relevant line. Therefore, in general, these figures should not be added because of the risk of double-counting.

For some countries, there may be double-counting of the number of ATMs when the data are reported per card issuer or per card scheme, and the same ATM is reported under several schemes; if required, an explanatory footnote is given.

<i>ATMs (automated teller machines)</i>	Electromechanical devices allowing authorised users, by using a payment card, to withdraw cash from their account and in some cases to access a range of other services, such as balance enquiries, transfers of funds and acceptance of deposits. ATMs may be operated online (with real-time reference to an authorisation database) or offline.
<i>ATMs with a cash withdrawal function</i>	ATMs allowing their users, by using a card with a cash function, to withdraw cash from their accounts.
<i>ATMs with a credit transfer function</i>	ATMs allowing their users, using a payment card, to make credit transfers.
<i>POS (point of sale)</i>	This term refers to the use of payment cards at a retail location. The payment information is captured either by paper vouchers or by electronic terminals. Each single terminal is counted separately, independent of the existence of several terminals within one merchant location. Countries reporting each merchant location as one terminal will specify this in a footnote.
<i>EFTPOS (electronic funds transfers at the point of sale)</i>	A terminal at a retail location which is designed to capture, and in some cases also transmit, debit card transactions by electronic means. Each single terminal is counted separately, independent of the existence of several terminals within one merchant location. Countries reporting each merchant location as one terminal will specify this in a footnote.
<i>E-money card terminals</i>	Terminals allowing the transfer of e-money between the issuer of e-money and the holder of an e-money card, or between the holder of an e-money card and a beneficiary.
<i>E-money card loading/unloading terminals</i>	Terminals allowing the transfer of electronic value from an issuer of electronic money to the holder of a card with an e-money function and vice versa (unloading).
<i>E-money card payment terminals</i>	Terminals located at the point of sale that permit the holder of e-money to transfer e-money value from his/her e-money card to the balance of the merchant or other beneficiary. Each single e-money accepting terminal is counted separately, independent of the existence of several terminals within one merchant location. Countries reporting each merchant location as one terminal will specify this in a footnote.

## Tables 7 and 8: Indicators of the use of payment instruments and terminals by non-banks (volume and value of transactions)

The objective of the upper part of these tables is to estimate the volume and value of transactions effected with cashless payment instruments issued in the country concerned, irrespective of where the transactions were effected. Thus payments with cards issued in the country will include both domestic payments and payments executed abroad. The lower part of each table distinguishes between cashless payments effected in the reporting country with instruments issued in the reporting country and abroad, and payments effected abroad with instruments issued in the reporting country.

Figures concerning only a sample of banks or customers should be extrapolated to provide figures covering the whole volume and value of cashless payment instruments used in the country. Only customer transactions are included. Transactions initiated by banks are excluded, unless they are related to the bank's own retail payments (utility bills, salaries etc). Transfers between accounts in the same name are only included when these accounts are at different banks. Transfers between accounts in the same name at the same bank are not included, unless indicated otherwise.

In the case of cross-border payments, there is a need to avoid double-counting (ie in the country of the originator and in that of the beneficiary). Cross-border cashless payments are accordingly counted in the country of the originator. Card payments and e-money payment transactions are counted on the issuing side. Only transactions with cards or e-money storages issued in the country are counted in the upper part of each table. For these cards and storages all transactions, within and outside the country, are reported.

### A. Payment instruments

#### *Credit transfers*

Payment orders or possibly sequences of payment orders made for the purpose of placing funds at the disposal of the beneficiary. Both the payment orders and the funds move from the payer's bank to the payee's bank, possibly via several other banks as intermediaries and/or one or more interbank funds transfer systems. Payments are counted on the payer's side.

Credit transfers performed via ATMs with a credit transfer function are included. Credit transfers which have cash at one or both ends of the payment transaction, eg money and postal orders, are also included. Credit transfers used to settle balances of cards with a credit or a delayed debit function are included, as these are separate payments from the card holder to the card issuer. Cross-border credit transfers (sent) are included.

Cash payments into the account using a bank form are not included under credit transfers, but can be shown in a memorandum item *OTC cash deposits*.

In the case of standing orders and in the case of bulk or batch payment orders, each individual transaction is counted as one transaction.

The categories *paper-based* and *non-paper-based* are mutually exclusive.

#### *Paper-based*

Credit transfers which are submitted on paper forms. Includes submissions by telefax if they require manual intervention to be transformed into electronic payments.

#### *Non-paper-based*

Credit transfers which are submitted without the use of paper forms, eg electronically or via telephone. Includes submissions by telefax if they do not require manual intervention to be transformed into electronic payments. Includes standing orders which are originally submitted on paper forms, but then executed electronically. Includes credit transfers initiated at an ATM.

#### *Direct debits*

Preauthorised debits, possibly recurrent, of the payer's account by the payee. Both one-off and recurrent direct debits are included. In the case of recurrent direct debits, each individual payment is counted as one transaction. Direct debits used to settle balances of cards with a credit or delayed debit functions are included, as they are separate payments from the card holder to the card issuer. Direct debits resulting from the settlement of an individual card transaction should not be reported because



	of the risk of double-counting. Payments are counted on the payee's side.
	Cash payments out of the account using a bank form are not included, but may be shown under the memorandum item <i>OTC cash withdrawals</i> .
<i>Card payments with cards issued in the country</i>	Payment transactions performed with cards with a debit, credit or delayed debit function issued in the reporting country, at a terminal or via other channels. Payments can have been made in the reporting country or abroad. E-money transactions and mobile payments are not included. For the breakdown of cards by category, see Table 6. These sub-categories are mutually exclusive. Only payments are included. Cash withdrawals/deposits at ATMs or credit transfers at ATMs are not included. Cash advances at POS terminals are also excluded, when it is possible to distinguish them. Payments by phone and over the internet using a card are included. Payments with retailer cards are excluded, except when the retailer card was issued in cooperation with a credit institution. For countries with significant business with retailer cards, a memorandum item or a footnote can be included.
<i>E-money payment transactions</i>	Transactions where the holder of e-money transfers e-money value from his/her balance to the balance of the merchant. This can be done either with an e-money card or through other e-money storages.
<i>Cheques</i>	<p>A written order from one party (the drawer) to another (the drawee, normally a bank) requiring the drawee to pay a specified sum on demand to the drawer or to a third party specified by the drawer. Cheques may be used for settling debts and withdrawing money from banks. Traveller's cheques, promissory notes and banker's drafts are included under cheques. Commercial bills are included if funds transfers can be made on the basis of these, without using another medium.</p> <p>Cash withdrawals using bank forms are not included.</p> <p>Cheques are counted on the payee's side when submitted for cheque clearing. Cheques issued but not submitted for clearing are not included.</p>
<i>Other payment instruments</i>	Includes payment instruments that exist in some countries and cannot be included in any of the other categories. These could be, for example, bills of exchange, included truncated bills of exchange. Mobile payments are not included, unless specified otherwise. A footnote states which payment instruments are included.
<b>B. Terminals</b>	
Transactions at ATM, POS and e-money card payment and loading/unloading terminals are reported according to the location of the terminal and the country of issue of the card used.	
<i>ATM cash withdrawals</i>	Cash withdrawals performed at ATMs using a card with a cash function. Cash advances at POS terminals using a debit, credit or delayed debit card are not included, but are reported under <i>POS transactions</i> . If it is possible to distinguish them, they are, in addition, reported as a memorandum item <i>Cash advances at POS terminals</i> .
<i>ATM cash deposits</i>	Cash deposits performed at ATMs using a card with a cash function.
<i>POS payment transactions</i>	Transactions performed through POS terminals using a card with a debit, delayed debit or credit function. Cash advances at POS terminals are included. If it is possible to distinguish them, they are, in addition, reported in a memorandum item <i>Cash advances at POS terminals</i> .
<i>E-money card loading/unloading transactions</i>	Transactions allowing the transfer of e-money value from an issuer of electronic money to a holder's card with an e-money function and vice versa. Both loading and unloading transactions are included.
<i>E-money card payment transactions</i>	E-money payment transactions with e-money cards.

## Interbank funds transfer systems (IFTSs)

**Table 9: Participation in selected interbank funds transfer systems**

<i>Total number of participants</i>	<p>Any institution that is identified/recognised by the system and which is allowed to send transfer orders to and receive transfer orders from the system, either directly (as a direct participant) or indirectly (as an indirect participant).</p> <p>For CLS: settlement members and user members.</p>
<i>Direct participants</i>	<p>Any participant in a system that directly exchanges transfer orders with other participants in the system, without an intermediary, and is directly responsible for settling them. In some systems, direct participants also exchange orders on behalf of indirect participants.</p> <p>For CLS: settlement members only.</p>
<i>Banks</i>	<p>Any institution recognised as a bank by the national jurisdiction which is a direct participant in the system.</p>
<i>Central bank</i>	<p>The central bank is a direct participant in the system when it directly exchanges transfer orders with other participants in the system.</p>
<i>General government</i>	<p>Central, regional or local government, government agencies and other (semi-) public institutions which are direct participants in the system.</p>
<i>Postal institution</i>	<p>The postal institution is only counted separately when it i) participates directly in the system and ii) is not considered (and supervised) as a bank (if this is the case, it is counted together with other banks).</p>
<i>Clearing and settlement organisations</i>	<p>All clearing and settlement organisations which are direct participants in the system. Generally, retail and securities clearing and/or settlement organisations directly participate in the large-value funds transfer system in which the respective retail or securities transactions are finally settled. When the relevant settlement organisations are considered as banks, they can be counted either under “banks” or under “clearing and settlement organisations”; a footnote explains the choice made.</p> <p>When CLS is recognised as a direct participant in the system, it should be reported as a clearing and settlement organisation.</p>
<i>Other financial institutions</i>	<p>All other financial institutions that are under the supervision of the relevant authorities (either the central bank or the prudential supervisor), but are not considered as banks.</p>
<i>Other</i>	<p>All other entities directly participating in the system.</p>

### **Tables 10 and 11: Payments processed by selected interbank funds transfer systems (volume and value of transactions)**

With regard to the volume and value of transactions, each payment instruction is counted once (not twice, ie the debit from the payer’s account and the credit to the payee’s account are not counted separately).

<i>Funds transfer systems (FTSs)</i>	<p>Formal arrangements based on private contract or statute law with multiple membership, common rules and standardised arrangements for the transition and settlement of money obligations arising between the members.</p>
<i>Interbank funds transfer systems (IFTSs)</i>	<p>Transfer systems in which most (or all) direct participants are banks and which are used primarily to process cashless payments.</p> <p>As a rule, all IFTSs with significant business for the country are mentioned here, both those managed by the central bank and those managed by</p>

private operators.

Figures are provided system by system, with categories of various payment instruments when relevant (cheques, direct debits, credit transfers, ATM transactions, card payments, e-money transactions etc) as sub-items.

*Concentration ratio in terms of volume/value*

Market share of the five largest senders of payment messages in each system (this may include the central bank). The five largest senders of transactions in terms of volume may differ from the five largest senders in terms of value. Each participant which has individual access to the system is counted separately, irrespective of whether there is a legal link (eg merger) between two or more participants.

*Card payments*

All card payments processed in the IFTSs are reported, irrespective of where the card was actually issued or used.

Cross-border transactions are counted in the country where the transaction originates in order to avoid double-counting (this differs from Tables 7 and 8, where card payments are reported in the acquiring country). Whenever received transactions are available, they can be reported as a memorandum item.

For other payment instruments settled in these systems (credit transfers, direct debits, cheques etc), see the definitions given for Country tables 7 and 8.

#### **Table 12: Participation in SWIFT by domestic institutions**

These figures are provided by SWIFT. Totals and their components (members, sub-members, participants) refer to “legal” users, ie users who have been approved by SWIFT’s Board via the monthly Board Paper. *Live* users are those that have cutover and are connected on SWIFT.

*Sub-members*

Domestic users sponsored by members abroad.

*Participants*

Participants are not shareholders of SWIFT and their message traffic over the network is restricted.

#### **Table 13: SWIFT message flows to/from domestic users**

These figures are provided by SWIFT. All traffic for domestic and international Market Infrastructures is allocated to the country of the SWIFT destination making the payment. The traffic exchanged between Market Infrastructures and their participants is excluded from the domestic traffic.

*Category I*

Messages used by banks to transfer funds to an account of a customer (ie messages relating to payments that are category I messages, eg MT100 messages).

*Category II*

Messages used by banks to transfer funds to an account of another bank (ie messages relating to payments that are category II messages, eg MT200 messages).

*Domestic traffic*

Messages sent to/received from domestic users.

## Securities and derivatives trading, clearing and settlement

### Exchanges and trading systems

**Table 14: Number of participants in exchanges and trading systems**

Figures are provided separately for each trading system, with categories of various participants as sub-items. When countries are unable to provide a breakdown, only the total number of participants is reported.

<i>Trading system</i>	<p>An infrastructure or mechanism aimed at facilitating securities or derivatives transactions between those who wish to buy and sell. A trading system can be a legal entity recognised as an exchange or an integrated part of a stock exchange; it can also be a multilateral trading facility or an OTC trading platform.</p> <p>Only recognised and/or supervised exchanges and trading systems are reported; only the exchanges and systems that the reporting central banks consider to be relevant for this publication are reported. Reporting is done by entity; if available, more detailed figures can be provided for each or some of the markets serviced by the entity.</p>
<i>Participant</i>	<p>A participant is a legal entity that can submit (buy and sell) orders to the trading system on its own behalf or on behalf of its customers.</p>
<i>Domestic vs foreign participants</i>	<p>Any participant that is located in the country of incorporation of the trading system (which is also the reporting country) is considered as a domestic participant.</p> <p>In the European Union, branches of foreign entities located in the reporting country, and participants in systems that are part of an international group, located in one of the participating countries, are considered as domestic participants. Other countries specify in a footnote how participants are classified.</p> <p>When it is not possible to distinguish between the location of the participants in the system, the categories of participants appear as sub-items under <i>Total number of participants</i>, instead of under the two sub-categories <i>Number of domestic participants</i> and <i>Number of foreign participants</i>.</p>
<i>Central counterparty (CCP)</i>	<p>An entity that interposes itself between counterparties to contracts traded in one or more financial markets, becoming the buyer to every seller and the seller to every buyer.</p> <p>A CCP may at the same time be a bank. In that case, it is classified as a CCP (ie according to its function) and not as a bank.</p>
<i>Banks</i>	<p>See Country Table 5.</p> <p>If a bank is at the same time a CCP, the institution is classified as a CCP and not as a bank.</p>
<i>Other</i>	<p>Other counterparties, for example dealers and brokers.</p>

**Table 15: Number of listed securities**

<i>Total number of securities admitted to trading</i>	<p>The number of securities admitted to trading on the reported trading system. Securities are distinguished according to their ISIN code, or any other national code used in the reporting country. The ISIN (International Securities Identification Number) code system is an international standard on many financial markets that facilitates the identification of securities,</p>
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particularly in cross-border transactions, since ISIN assigns each security a single number used in all countries.

When countries are only able to provide the number of companies that are listed (and not the number of different codes), this is specified in a footnote.

*Debt securities*

A debt security is a promise on the part of the issuer (the borrower) to make one or more payment(s) to the holder (the lender) on a specified future date or dates. Such securities usually carry a specific rate of interest (the coupon) and/or are sold at a discount to the amount that will be repaid at maturity. Includes bonds and short-term paper.

The number of securities can be approximated by the number of codes listed.

*Equity*

Securities representing ownership of a stake in a corporation, ie shares traded on a stock exchange (quoted or listed shares), unquoted or unlisted shares and other forms of equity. Equities usually produce income in the form of dividends. Equity includes investment fund shares and depository receipts.

The number of companies whose shares are listed is reported. A company or investment fund with several classes of shares is counted only once.

*Other*

Other instruments, for example warrants.

**Table 16: Market capitalisation of listed companies**

*Total market capitalisation*

The market value of companies, calculated as the total number of a company's shares outstanding multiplied by the current market price per share. Only domestic equities are included; foreign listings and investment fund shares/units are excluded. If shares are listed on several exchanges they are only taken into account for the calculation of the market capitalisation on the exchange where the shares have been issued. For exchanges that are part of an international group, all securities listed in one of the participating countries are considered.

**Tables 17 and 18: Number and value of executed trades**

*Total number of executed securities trades*

Each transaction is counted once, regardless of whether the transaction has been executed on an order-driven or on a quote-driven system (even when exchanges count transactions executed on a quote-driven system twice, once for the buyer and once for the seller).

*Total value of executed securities trades*

Transactions in debt securities, ie bonds and short-term papers, are valued at nominal value. Transactions in equity securities are valued at market value. The monthly average securities price can be used as market value.

The value of transactions denominated in other than the reporting currency are converted to the reporting currency taking the exchange rate on the day when the transaction takes place (transactions) or the exchange rate of the last business day of the year (stocks). The monthly exchange rate can also be used as a proxy.

*Total number of executed derivatives trades*

Number of derivatives contracts entered into in the reporting period.

*Total value of executed derivatives trades*

Gross nominal or notional value of all contracts entered into in the reporting period.

## Central counterparties (CCPs) or clearing houses

A CCP is an entity that interposes itself between counterparties to contracts traded in one or more financial markets, becoming the buyer to every seller and the seller to every buyer. A clearing house is a central location or central processing mechanism reconciling and, in some cases, confirming payment orders or securities transfer instructions prior to settlement, possibly including the netting of instructions and the establishment of final positions for settlement. Only entities that do not novate transactions and assume the role of CCP are reported as clearing houses.

The name of the entity is followed, in brackets, by a mention of its function (either CCP or clearing house). When deemed necessary, a footnote provides additional information. When a single entity performs the functions of both clearing house or CCP and central securities depository, Tables 19 to 21 are completed, when relevant, with data on its clearing house or CCP activities.

### Table 19: Number of clearing members

Figures are provided separately for each CCP or clearing house with categories of various participants as sub-items. When countries are unable to provide a breakdown, only the total number of participants is reported.

<i>Number of clearing members</i>	All members of the clearing house or CCP. Includes direct clearing members (participants that are able to clear only their own obligations) and general clearing members (participants that are able to clear their own obligations as well as those of clients).
<i>Domestic vs foreign clearing members</i>	Any clearing member that is located in the country of incorporation of the CCP or clearing house (which is also the reporting country) is considered as a domestic clearing member. A footnote specifies whether participants located in some other countries are also counted as domestic. A clearing member who is registered outside the reporting country, but has a branch in this country, is also reported as a domestic clearing member.  When it is not possible to distinguish between the location of the clearing members, then the categories of clearing members appear as sub-items under <i>Total number of clearing members</i> , instead of under the two sub-categories <i>Number of domestic clearing members</i> and <i>Number of foreign clearing members</i> .
<i>Central counterparty (CCP)</i>	CCPs which are clearing members of the reporting CCP or clearing house, and which are also banks, are classified as CCPs and not as banks.
<i>Banks</i>	See Country Table 5. If a bank is at the same time a CCP, the institution is classified as a CCP and not as a bank.
<i>Other</i>	Other counterparties, for example dealers and brokers.

### Tables 20 and 21: Number and value of contracts and transactions cleared

Contracts/transactions denominated in another currency than the reported currency are converted to the reporting currency using the exchange rate on the day at which the transaction takes place. As a proxy, the monthly average exchange rate can be used.

<i>Securities transactions cleared</i>	Includes both outright securities transactions and repurchase transactions.
<i>Number of securities transactions cleared</i>	For CCPs, the number and value of securities transactions is reported on a post-novation basis (counting the transactions with the CCP as it interposes itself as buyer to every seller and seller to every buyer).
<i>Value of securities transactions cleared</i>	Transactions in debt instruments and equity securities are valued at transaction values. When the transactions cleared are free-of-payment, the securities are valued at market value. The monthly average price may be

	used as a proxy for the market value of transactions. When market value is not available, the latest available price is used.
<i>Derivatives contracts</i>	Financial contracts whose value depends on the value of one or more underlying reference assets, rates or indices.
<i>OTC derivatives transactions</i>	Derivatives transactions that have not been executed on trading platforms of recognised and/or supervised exchanges or trading systems.
<i>Financial futures</i>	Standardised contracts, traded on an exchange, that obligate one party to buy, and the other to sell, an underlying asset at a specific price and date in the future. In the case of financial futures, the underlying can be a financial instrument (eg securities) or an index (eg interest rates).
<i>Financial options</i>	Contracts that give the buyer the right, but not the obligation, to buy or sell an underlying asset by (or on) a specific date for a specific price. For this right the purchaser pays a premium. In the case of financial options, the underlying asset is a financial instrument (eg securities).
<i>Other financial derivatives</i>	Any financial derivatives other than future and option contracts, for example swaps.
<i>Commodity futures</i>	Standardised contracts, traded on an exchange, that obligate one party to buy, and the other to sell, a commodity (agricultural product, oil etc) at a specific price and date in the future.
<i>Commodity options</i>	Contracts that give the buyer the right, but not the obligation, to buy or sell a commodity by (or on) a specific date for a specific price. For this right the purchaser pays a premium.
<i>Other commodity derivatives</i>	Any commodity derivatives other than future and option contracts.
<i>Number of derivatives contracts cleared</i>	Several contracts may be traded in one transaction. This item does not refer to the number of transactions, but to the number of contracts. For CCPs, contracts are reported on a post-novation basis (counting the contract with the CCP as it interposes itself as buyer to every seller and seller to every buyer).
	Transfers of underlying assets to fulfil obligations from open positions in derivatives at expiration of a derivatives contract are not counted as derivatives transactions. If the underlying is a security, such a transfer is counted as a securities transaction.
<i>Value of derivatives contracts cleared</i>	Derivatives transactions are valued at market value. The market value of an option is the actual premium to be paid by the option buyer. The market value of a futures contract is the market value of the underlying or, for futures with notional underlying, the market price of the futures contract itself.

## Central securities depositories

A central securities depository (CSD) is a facility (or an institution) for holding securities which enables securities transactions to be processed by book entry. Physical securities may be immobilised by the depository or securities may be dematerialised (ie so that they exist only as electronic records). In addition to safekeeping, a CSD may incorporate comparison, clearing and settlement functions. When a single entity performs the functions of both clearing house or CCP and CSD, Tables 22 to 25 are completed, when relevant, with data on its clearing house or CCP activities.

### Table 22: Number of direct participants in CSDs

Figures are provided separately for each CSD, with categories of various participants as sub-items. When countries are unable to provide a breakdown, only the total number of participants is reported.

<i>Direct participants</i>	Direct account holders in a tiered system or account operators in a non-tiered system.
<i>Tiered vs non-tiered system</i>	In a tiered system, custodian banks or other CSDs hold accounts with the CSD. Individual customers will only be allowed to open accounts with a custodian bank, but not directly with the CSD.  In a non-tiered system, every private individual can have an account with the CSD. However, the accounts are operated by only a few companies, the account operators.
<i>Account operator</i>	A company operating the account of (private) customers in non-tiered systems. Account operators are typically banks.
<i>Domestic vs foreign participants</i>	Any participant that is located in the country of incorporation of the CSD (which is also the reporting country) is considered as a domestic participant.  When it is not possible to distinguish between the location of the participants, then the categories of participants appear as sub-items under <i>Total number of participants</i> , instead of under the two sub-categories <i>Number of domestic participants</i> and <i>Number of foreign participants</i> .
<i>Banks</i>	If a bank is at the same time a CCP or a CSD, the institution is classified as a CCP or a CSD and not as a bank.

### Table 23: Number of securities held on accounts at CSDs

<i>Total number of ISIN codes held</i>	The number of securities (ISIN codes or national codes) held on accounts with the reporting CSD, comprising all securities issued or safe-kept in the reporting CSD, or transferred into the CSD through a link.
<i>Debt securities</i>	A debt security is a promise on the part of the issuer (the borrower) to make one or more payment(s) to the holder (the lender) on a specified future date or dates. Such securities usually carry a specific rate of interest (the coupon) and/or are sold at a discount to the amount that will be repaid at maturity.
<i>Non-debt securities</i>	All other securities (mainly equities).
<i>Bonds</i>	Debt securities (including convertible securities) with an original maturity of more than one year.
<i>Short-term paper</i>	Debt securities (including convertible securities) with an original maturity of one year or less.



**Table 24: Value of securities held on account at CSDs**

<i>Total value of securities held</i>	<p>The value of securities held on accounts with the reporting CSD, comprising all securities issued or safe-kept in the reporting CSD, or transferred into the CSD through a link.</p> <p>The value of securities denominated in a currency other than the reporting currency is converted to the reporting currency using the exchange rate on the last business day of the year.</p>
<i>Debt securities</i>	Valued at nominal value.
<i>Equity and other</i>	<p>Valued at market value. The monthly average price may be used as a proxy for market value. When market values are not available, the latest available price is used (as specified in a footnote).</p> <p>When no price and no recent payment value can be associated with the security (eg in DVP transactions), each security is valued at one unit of national currency.</p>
<i>Securities for which no market price is available</i>	This item aims at providing information about the relative importance of non-debt securities (ISIN or national codes) for which the valuation rule has been applied.

**Tables 25 and 26: Number and value of delivery instructions processed**

<i>Delivery instructions</i>	<p>All instructions to move securities between accounts.</p> <p>For trades not cleared by a CCP: data related to delivery instructions are reported on a gross basis. For trades cleared by a CCP: data related to delivery instructions are reported on a post-netting basis.</p> <p>Delivery instructions reported also include:</p> <ul style="list-style-type: none"> <li>• instructions to block (and de-block) securities for collateralisation purposes on a borrower's securities account with the CSD;</li> <li>• securities movements due to automatic securities lending or automatic collateralisation (including self-collateralisation);</li> <li>• delivery instructions to move securities from the participant's own account to his omnibus account and vice versa when there is segregation on a participant's account with the CSD;</li> <li>• delivery instructions related to the transfer of securities between two accounts of the same account operator in a non-tiered system.</li> </ul> <p>Not reported are instructions:</p> <ul style="list-style-type: none"> <li>• related to securities movements due to corporate actions (restructuring the ownership of a company through an action such as a stock split or conversion), new issues and redemptions;</li> <li>• related to purely technical bookings such as realignment procedures.</li> </ul>
<i>Number of delivery instructions</i>	<p>In principle, only <u>delivery</u> instructions are counted.</p> <p>An instruction to transfer two or more securities (ISIN or national codes) is counted as two (or more) instructions. When processing an instruction to transfer securities from a seller to a buyer requires two transfers, due to the use of a technical account (that cannot be assigned to a CSD participant), only one transfer is reported. If the CSD receives two instructions regarding the same transaction (eg one from the seller and one from the buyer of the securities), only one instruction is reported.</p> <p>For transfers through a link between CSDs, only the issuer CSD should report. When the issuing CSD is not involved (eg transfers through the "bridge"), only the delivering CSD reports.</p>
<i>Value of delivery instructions</i>	The value of securities denominated in a currency other than the reporting currency is converted to the reporting currency using the exchange rate on

	the day of the transaction. As a proxy, the monthly average exchange rate can be used.
<i>DVP transactions</i>	A mechanism that ensures that the delivery of a security occurs if, and only if, payment occurs.
<i>Free-of-payment transactions</i>	Delivery of securities with no corresponding payment of funds
<i>Debt securities</i>	Valued at nominal value.
<i>Equity and other</i>	Valued at market value. See Table 24.

## Statistical methodology for the comparative tables

### General

The comparative tables are fully based on the country tables, with the exception, to a certain extent, of the payment, trading and clearing and settlement systems tables (Table PS1 ff). In this methodology, references to both country and other comparative tables are made in brackets, where [CT 1] indicates that the figures used in the comparative table under consideration have been calculated with data from Country Table 1. When figures can either be derived from a country or from a comparative table, only the reference to the country table appears, as the figures presented there are considered to be the source of the comparative tables. In some cases, however, reference is also made to other comparative tables, because of repeated identical calculations. When calculations are identical for all or most items of a table, the full formula is only given once, while repetitions are indicated by “idem”.

In all tables, figures are given for individual CPSS countries. A figure for the euro area is added to the individual countries' figure in Table 2. A figure for all CPSS countries is also calculated in Tables 1–15 (where this is statistically not relevant, this is indicated by “nap”). Where applicable, these totals or averages are expressed in or based on USD terms.

Henceforth, comparative tables are simply referred to as tables.

### Basic information: banknotes and coin; institutions; transferable deposits

#### Table 1: Basic statistical data

Based on CT 1.

<i>GDP</i>	Nominal figures, expressed in USD by dividing <i>GDP in domestic currency</i> [CT 1] by the <i>average exchange rate</i> of the domestic currency vis-à-vis the USD [CT 1].
<i>Population</i>	<i>Population</i> [CT 1].
<i>GDP per capita</i>	<i>GDP</i> in USD [Table 1] divided by <i>population</i> [CT 1].
<i>Consumer price inflation</i>	<i>CPI inflation</i> [CT 1].
<i>Exchange rate</i> (domestic currency vis-à-vis USD)	<i>Average and end-of-year exchange rates</i> (domestic currency vis-à-vis USD) [CT 1].

#### Table 2: Banknotes and coin in circulation

Based on CT 4.

<i>Total value</i>	<i>Banknotes and coin</i> (including banknotes and coin held at banks) [CT 4], converted to USD using the <i>end-of-year exchange rate</i> [CT 1].
<i>Value per inhabitant</i>	<i>Total value in USD</i> [Table 2] divided by <i>population</i> [CT 1].
<i>Value as a percentage of GDP</i>	<i>Total value</i> [CT 4] divided by <i>GDP</i> [CT 1].
<i>Value as a percentage of narrow money</i>	<i>Total value</i> [CT 4] divided by <i>narrow money</i> [CT 2].

**Table 3: Transferable deposits held by banks**

Based on CT 3.

*Transferable balances held at the central bank*

*Total value* Value of *transferable balances held at the central bank* [CT 3], converted to USD using the *end-of-year exchange rate* [CT 1].

*Value as a percentage of GDP* Value of *transferable balances held at the central bank* [CT 3], divided by *GDP* [CT 1].

*Transferable balances held at other banks*

*Total value* Value of *transferable balances held at other banks* [CT 3], converted to USD using the *end-of-year exchange rate* [CT 1].

*Value as a percentage of GDP* Value of *transferable balances held at other banks* [CT 3], divided by *GDP* [CT 1].

**Table 4: Institutions offering payment services to non-banks**

Based on CT 5.

*Number of institutions*

*Total number* Total number of institutions offering payment services to non-banks [CT 5].

*Number per 1 million inhabitants* Total number of institutions [CT 5] divided by *population* [CT 1].

*Number of branches or offices*

*Total number* Total number of branches or offices [CT 5].

*Number per 1 million inhabitants* Total number of branches or offices [CT 5] divided by *population* [CT 1].

**Table 5: Transferable deposits held by non-banks**

Based on CT 5.

*Total number of accounts* Total number of accounts [CT 5].

*Number of accounts per inhabitant* Number of accounts [CT 5] divided by *population* [CT 1].

*Total value of accounts* Total value of accounts [CT 5], converted to USD using the *end-of-year exchange rate* [CT 1].

*Value per inhabitant* Total value of accounts in USD [Table 5] divided by *population* [CT1].

*Value as a percentage of GDP* Total value of accounts [CT 5] divided by *GDP* [CT 1].

## Retail payment instruments

**Table 6: Payment transactions by non-banks: total number of transactions**

Based on CT 7.

<i>Total number of transactions</i>	<i>Total number of transactions with payment instruments</i> [CT 7]. This is equal to the sum of the sub-items of Table 7.
<i>Increase in the number of transactions</i>	Difference between <i>total number of transactions with payment instruments</i> [CT 7] in the current and previous year, divided by that number for the previous year, in per cent.
<i>Number per inhabitant</i>	<i>Total number of transactions with payment instruments</i> [CT 7] divided by <i>population</i> [CT 1]. This is equal to the sum of the sub-items of Table 7c.
<i>Number per deposit account held by non-banks</i>	<i>Total number of transactions with payment instruments</i> [CT 7] divided by <i>transferable deposits</i> [CT 2].

**Table 7: Use of payment instruments by non-banks: number of transactions per payment instrument**

Tables 7 and 7a–c are based on CT 7. The objective of these tables is to compare the volume of cashless payment instruments used in the countries concerned.

<i>Credit transfers</i>	<i>Credit transfers</i> [CT 7].
<i>Direct debits</i>	<i>Direct debits</i> [CT 7].
<i>Cheques</i>	<i>Cheques</i> [CT 7].
<i>E-money payment transactions</i>	<i>E-money payment transactions</i> [CT 7].
<i>Card payments</i>	<i>Card payments with cards issued in the country</i> [CT 7].
<i>... by cards with a debit function</i>	<i>Payments by card with a debit function</i> [CT 7].
<i>... by cards with a delayed debit function</i>	<i>Payments by card with a delayed debit function</i> [CT 7].
<i>... by cards with a credit function</i>	<i>Payments by card with a credit function</i> [CT 7].

**Table 7a: Use of payment instruments by non-banks: relative importance of payment instruments, in number of transactions**

This table is based on CT 7 or on Table 7, in that it takes the figures concerning the use of payment instruments, in volume terms, and expresses them as a percentage of the total volume of payment instruments used by non-banks.

<i>Credit transfers</i>	<i>Credit transfers</i> [CT 7] expressed as a percentage of <i>total number of transactions with payment instruments</i> [CT 7].
<i>Direct debits</i>	Idem for <i>direct debits</i> [CT 7].
<i>Cheques</i>	Idem for <i>cheques</i> [CT 7].
<i>E-money payment transactions</i>	Idem for <i>e-money payment transactions</i> [CT 7].
<i>Card payments</i>	Idem for <i>card payments with cards issued in the country</i> [CT 7].

<i>... by cards with a debit function</i>	Idem for <i>payments by card with a debit function</i> [CT 7].
<i>... by cards with a delayed debit function</i>	Idem for <i>payments by card with a delayed debit function</i> [CT 7].
<i>... by cards with a credit function</i>	Idem for <i>payments by card with a credit function</i> [CT 7].

**Table 7b: Use of payment instruments by non-banks: increase in the number of transactions**

This table is based on CT 7 or on Table 7, in that it takes the figures concerning the use of payment instruments, in volume terms, and calculates the year-on-year growth rate.

<i>Credit transfers</i>	Difference between the volume of <i>credit transfers</i> [CT 7] in the current and previous year, divided by that number for the previous year, in per cent.
<i>Direct debits</i>	Idem for <i>direct debits</i> [CT 7].
<i>Cheques</i>	Idem for <i>cheques</i> [CT 7].
<i>E-money payment transactions</i>	Idem for <i>e-money payment transactions</i> [CT 7].
<i>Card payments</i>	Idem for <i>card payments with cards issued in the country</i> [CT 7].
<i>... by cards with a debit function</i>	Idem for <i>payments by card with a debit function</i> [CT 7].
<i>... by cards with a delayed debit function</i>	Idem for <i>payments by card with a delayed debit function</i> [CT 7].
<i>... by cards with a credit function</i>	Idem for <i>payments by card with a credit function</i> [CT 7].

**Table 7c: Use of payment instruments by non-banks: number of transactions per inhabitant**

This table is based on CT 7 or on Table 7, in that it takes the figures concerning the use of payment instruments, in volume terms, and expresses them as the number of transactions per inhabitant.

<i>Credit transfers</i>	<i>Credit transfers</i> [CT 7] divided by <i>population</i> [CT 1].
<i>Direct debits</i>	Idem for <i>direct debits</i> [CT 7].
<i>Cheques</i>	Idem for <i>cheques</i> [CT 7].
<i>E-money payment transactions</i>	Idem for <i>e-money payment transactions</i> [CT 7].
<i>Card payments</i>	Idem for <i>card payments with cards issued in the country</i> [CT 7].
<i>... by cards with a debit function</i>	Idem for <i>payments by card with a debit function</i> [CT 7].
<i>... by cards with a delayed debit function</i>	Idem for <i>payments by card with a delayed debit function</i> [CT 7].
<i>... by cards with a credit function</i>	Idem for <i>payments by card with a credit function</i> [CT 7].

**Table 8: Payment transactions by non-banks: total value of transactions**

Based on CT 8.

<i>Total value of transactions</i>	<i>Total value of transactions with payment instruments</i> [CT 8], converted to USD using the <i>average exchange rate</i> [CT 1]. This is equal to the sum of the sub-items of Table 9.
<i>Increase in the real value of transactions</i>	Difference between <i>total value of transactions with payment instruments</i> [CT 8] in the current and previous year, divided by that number for the previous year, deflated by <i>CPI inflation</i> in the current year [CT 1], in per cent.
<i>Average value per transaction</i>	<i>Total value of transactions with payment instruments in USD</i> [Table 8] divided by <i>total number of transactions with payment instruments</i> [CT 7].
<i>Average value per inhabitant</i>	<i>Total value of transactions with payment instruments in USD</i> [Table 8] divided by <i>population</i> [CT 1].
<i>Value as a ratio to GDP</i>	<i>Total value of transactions</i> [CT 8] divided by <i>GDP</i> [CT 1].
<i>Value as a ratio to deposits held by non-banks</i>	<i>Total value of transactions</i> [CT 8] divided by <i>total value of deposit accounts</i> [CT 5].

**Table 9: Use of payment instruments by non-banks: value of transactions per payment instrument**

Tables 9 and 9a–e are based on CT 8. The objective of these tables is to compare the value of cashless payment instruments used in the countries concerned. These tables are based on the same general methodological guidance as Tables 7 and 7a–c.

<i>Credit transfers</i>	<i>Credit transfers</i> [CT 8], converted to USD using the <i>average exchange rate</i> [CT 1].
<i>Direct debits</i>	<i>Direct debits</i> [CT 8].
<i>Cheques</i>	<i>Cheques</i> [CT 8].
<i>E-money payment transactions</i>	<i>E-money payment transactions</i> [CT 8].
<i>Card payments</i>	<i>Card payments with cards issued in the country</i> [CT 8].
<i>... by cards with a debit function</i>	<i>Payments by card with a debit function</i> [CT 8].
<i>... by cards with a delayed debit function</i>	<i>Payments by card with a delayed debit function</i> [CT 8].
<i>... by cards with a credit function</i>	<i>Payments by card with a credit function</i> [CT 8].

**Table 9a: Use of payment instruments by non-banks: relative importance of payment instruments, in value of transactions**

This table is based on CT 8 or on Table 9, in that it takes the figures concerning the use of payment instruments, in value terms, and expresses them as a percentage of the total value of payment instruments used by non-banks.

<i>Credit transfers</i>	Value of <i>credit transfers</i> [CT 8] expressed as a percentage of <i>total value of transactions with payment instruments</i> [CT 8].
<i>Direct debits</i>	Idem for <i>direct debits</i> [CT 8].
<i>Cheques</i>	Idem for <i>cheques</i> [CT 8].

<i>E-money payment transactions</i>	Idem for <i>e-money payment transactions</i> [CT 8].
<i>Card payments</i>	Idem for <i>card payments with cards issued in the country</i> [CT 8].
<i>... by cards with a debit function</i>	Idem for <i>payments by card with a debit function</i> [CT 8].
<i>... by cards with a delayed debit function</i>	Idem for <i>payments by card with a delayed debit function</i> [CT 8].
<i>... by cards with a credit function</i>	Idem for <i>payments by card with a credit function</i> [CT 8].

**Table 9b: Use of payment instruments by non-banks: increase in the real value of transactions**

This table is based on CT 8 or on Table 9, in that it takes the figures concerning the use of payment instruments, in value terms and in domestic currency, and calculates the year-on-year growth rate, deflated by CPI inflation.

<i>Credit transfers</i>	Difference between the value of <i>credit transfers</i> [CT 8] in the current and previous year, divided by that number for the previous year, deflated by <i>CPI inflation</i> in the current year [CT 1], in per cent.
<i>Direct debits</i>	Idem for <i>direct debits</i> [CT 8].
<i>Cheques</i>	Idem for <i>cheques</i> [CT 8].
<i>E-money payment transactions</i>	Idem for <i>e-money payment transactions</i> [CT 8].
<i>Card payments</i>	Idem for <i>card payments with cards issued in the country</i> [CT 8].
<i>... by cards with a debit function</i>	Idem for <i>payments by card with a debit function</i> [CT 8].
<i>... by cards with a delayed debit function</i>	Idem for <i>payments by card with a delayed debit function</i> [CT 8].
<i>... by cards with a credit function</i>	Idem for <i>payments by card with a credit function</i> [CT 8].

**Table 9c: Use of payment instruments by non-banks: average value per transaction**

This table is based on CTs 7 and 8 or on Tables 7 and 9, in that it takes the figures concerning the use of payment instruments, in value terms, and divides them by the volume of this use.

<i>Credit transfers</i>	Value of <i>credit transfers</i> [CT 8], converted to USD using the <i>average exchange rate</i> [CT 1], divided by the volume of <i>credit transfers</i> [CT 7].
<i>Direct debits</i>	Idem for <i>direct debits</i> [CT 8].
<i>Cheques</i>	Idem for <i>cheques</i> [CT 8].
<i>E-money payment transactions</i>	Idem for <i>e-money payment transactions</i> [CT 8].
<i>Card payments</i>	Idem for <i>card payments with cards issued in the country</i> [CT 8].
<i>... by cards with a debit function</i>	Idem for <i>payments by card with a debit function</i> [CT 8].
<i>... by cards with a delayed debit function</i>	Idem for <i>payments by card with a delayed debit function</i> [CT 8].
<i>... by cards with a credit function</i>	Idem for <i>payments by card with a credit function</i> [CT 8].



**Table 9d: Use of payment instruments by non-banks: value of transactions per inhabitant**

This table is based on CT 8 or on Table 9, in that it takes the figures concerning the use of payment instruments, in value terms, and expresses them as a value of transactions per inhabitant.

<i>Credit transfers</i>	Value of <i>credit transfers</i> [CT 8], converted to USD using the <i>average exchange rate</i> [CT 1], divided by <i>population</i> [CT 1].
<i>Direct debits</i>	Idem for <i>direct debits</i> [CT 8].
<i>Cheques</i>	Idem for <i>cheques</i> [CT 8].
<i>E-money payment transactions</i>	Idem for <i>e-money payment transactions</i> [CT 8].
<i>Card payments</i>	Idem for <i>card payments with cards issued in the country</i> [CT 8].
<i>... by cards with a debit function</i>	Idem for <i>payments by card with a debit function</i> [CT 8].
<i>... by cards with a delayed debit function</i>	Idem for <i>payments by card with a delayed debit function</i> [CT 8].
<i>... by cards with a credit function</i>	Idem for <i>payments by card with a credit function</i> [CT 8].

**Table 9e: Use of payment instruments by non-banks: value of transactions as a ratio to GDP**

This table is based on CT 8 or on Table 9, in that it takes the figures concerning the use of payment instruments, in value terms, and expresses them as a percentage of GDP.

<i>Credit transfers</i>	Value of <i>credit transfers</i> [CT 8] divided by <i>GDP</i> [CT 1].
<i>Direct debits</i>	Idem for <i>direct debits</i> [CT 8].
<i>Cheques</i>	Idem for <i>cheques</i> [CT 8].
<i>E-money payment transactions</i>	Idem for <i>e-money payment transactions</i> [CT 8].
<i>Card payments</i>	Idem for <i>card payments with cards issued in the country</i> [CT 8].
<i>... by cards with a debit function</i>	Idem for <i>payments by card with a debit function</i> [CT 8].
<i>... by cards with a delayed debit function</i>	Idem for <i>payments by card with a delayed debit function</i> [CT 8].
<i>... by cards with a credit function</i>	Idem for <i>payments by card with a credit function</i> [CT 8].

## Cards and terminals

**Table 10: Cards issued in the country: number of cards**

Based on CT 6.

<i>Cards with a cash function</i>	<i>Cards with a cash function</i> [CT 6].
<i>Cards with an e-money function which have been loaded at least once</i>	<i>Cards with an e-money function which have been loaded at least once</i> [CT 6].
<i>Cards with a payment function</i>	Sum of <i>cards with a debit function</i> , <i>cards with a delayed debit function</i> and <i>cards with a credit function</i> [CT 6].
<i>... debit function</i>	<i>Cards with a debit function</i> [CT 6].
<i>... delayed debit function</i>	<i>Cards with a delayed debit function</i> [CT 6]. If no distinction is possible between cards with a credit and/or debit function and those with a delayed debit function, they are presented under this item.
<i>... credit function</i>	<i>Cards with a credit function</i> [CT 6].

**Table 10a: Cards issued in the country: increase in the number of cards**

This table is based on CT 6, in that it takes the figures concerning the number of cards and calculates the year-on-year growth rate.

<i>Cards with a cash function</i>	Difference between <i>cards with a cash function</i> [CT 6] in the current and previous year, divided by that number for the previous year, in per cent.
<i>Cards with an e-money function which have been loaded at least once</i>	Idem for <i>cards with an e-money function which have been loaded at least once</i> [CT 6].
<i>Cards with a payment function</i>	Idem for the sum of <i>cards with a debit function</i> , <i>cards with a delayed debit function</i> and <i>cards with a credit function</i> [CT 6].
<i>... debit function</i>	Idem for <i>cards with a debit function</i> [CT 6].
<i>... delayed debit function</i>	Idem for <i>cards with a delayed debit function</i> [CT 6].
<i>... credit function</i>	Idem for <i>cards with a credit function</i> [CT 6].

**Table 10b: Cards issued in the country: number of cards per inhabitant**

This table is based on CT 6, in that it takes the number of cards and divides them by the country's population. It gives an indication of the penetration of cards in the population of different countries.

<i>Cards with a cash function</i>	<i>Cards with a cash function</i> [CT 6] divided by <i>population</i> [CT 1].
<i>Cards with an e-money function which have been loaded at least once</i>	Idem for <i>cards with an e-money function which have been loaded at least once</i> [CT 6].

<i>Cards with a payment function</i>	<i>Idem for the sum of cards with a debit function, cards with a delayed debit function and cards with a credit function [CT 6].</i>
<i>... debit function</i>	<i>Idem for cards with a debit function [CT 6].</i>
<i>... delayed debit function</i>	<i>Idem for cards with a delayed debit function [CT 6].</i>
<i>... credit function</i>	<i>Idem for cards with a credit function [CT 6].</i>

**Table 11: Terminals located in the country: number of terminals**

Based on CT 6.

<i>ATMs</i>	<i>ATMs [CT 6].</i>
<i>POS terminals</i>	<i>POS terminals [CT 6].</i>
<i>E-money loading/unloading terminals</i>	<i>E-money loading/unloading terminals [CT 6].</i>
<i>E-money card payment terminals</i>	<i>E-money card payment terminals [CT 6].</i>

**Table 11a: Terminals located in the country: increase in the number of terminals**

This table is based on CT 6, in that it takes the figures concerning the number of terminals and calculates the year-on-year growth rate.

<i>ATMs</i>	<i>Difference between ATMs [CT 6] in the current and previous year, divided by that number for the previous year, in per cent.</i>
<i>POS terminals</i>	<i>Idem for POS terminals [CT 6].</i>
<i>E-money loading/unloading terminals</i>	<i>Idem for e-money loading/unloading terminals [CT 6].</i>
<i>E-money card payment terminals</i>	<i>Idem for e-money card payment terminals [CT 6].</i>

**Table 11b: Terminals located in the country: number of terminals per million inhabitants**

This table is based on CT 6, in that it takes the number of terminals and divides them by the country's population. It shows the density of terminals, expressed in terms of population, in the different countries.

<i>ATMs</i>	<i>ATMs [CT 6] divided by population.</i>
<i>POS terminals</i>	<i>Idem for POS terminals [CT 6].</i>
<i>E-money loading/unloading terminals</i>	<i>Idem for e-money loading/unloading terminals [CT 6].</i>
<i>E-money card payment terminals</i>	<i>Idem for e-money card payment terminals [CT 6].</i>

**Table 12: Transactions at terminals: number of cash withdrawals and loading transactions**

This table is based on CT 7. It gives an indication of the number of transactions conducted at terminals located in and outside the country with cards issued in and outside the country.

*Cash withdrawals at ATMs located in the country*

*with cards issued outside the country* Transactions at terminals in the country by cards issued outside the country: ATM cash withdrawals [CT 7].

*with cards issued in the country* Transactions at terminals in the country by cards issued in the country: ATM cash withdrawals [CT 7].

*Cash withdrawals at ATMs located outside the country*

*with cards issued in the country* Transactions at terminals outside the country by cards issued in the country: ATM cash withdrawals [CT 7].

*E-money loading/unloading transactions at terminals in the country*

*with cards issued in the country* Transactions at terminals in the country by cards issued in the country: e-money loading/unloading transactions [CT 7].

**Table 12a: Transactions at terminals: increase in the number of cash withdrawals and loading transactions**

This table is based on CT 7 or on Table 12, in that it takes the figures concerning the use of cards, in volume terms, and calculates the year-on-year growth rate.

*Cash withdrawals at ATMs located in the country*

*with cards issued outside the country* Difference between the number of transactions at terminals in the country by cards issued outside the country: ATM cash withdrawals [CT 7] in the current and previous year, divided by that number for the previous year, in per cent.

*with cards issued in the country* Idem for transactions at terminals in the country by cards issued in the country: ATM cash withdrawals [CT 7].

*Cash withdrawals at ATMs located outside the country*

*with cards issued in the country* Idem for transactions at terminals outside the country by cards issued in the country: ATM cash withdrawals [CT 7].

*E-money loading/unloading transactions at terminals in the country*

*with cards issued in the country* Idem for transactions at terminals in the country by cards issued in the country: e-money loading/unloading transactions [CT 7].

**Table 13: Transactions at terminals: value of cash withdrawals and loading transactions**

This table is based on CT 8 (the amounts have been converted to USD using the average exchange rate [CT 1]). It gives an indication of the value of card transactions conducted at terminals located in the country, either with cards issued in the country or with cards issued outside the country.

*Cash withdrawals at ATMs located in the country*

*with cards issued outside the country* Transactions at terminals in the country by cards issued outside the country: ATM cash withdrawals [CT 8].

*with cards issued in the country* Transactions at terminals in the country by cards issued in the country: ATM cash withdrawals [CT 8].

*Cash withdrawals at ATMs located outside the country*

*with cards issued in the country* Transactions at terminals outside the country by cards issued in the country: ATM cash withdrawals [CT 8].

*E-money loading/unloading transactions at terminals in the country*

*with cards issued in the country* Transactions at terminals in the country by cards issued in the country: e-money loading/unloading transactions [CT 8].

**Table 13a: Transactions at terminals: increase in the real value of cash withdrawals and loading transactions**

This table is based on CT 8 or on Table 13, in that it takes the figures concerning the use of cards, in value terms, and calculates the year-on-year growth rate, deflated by CPI inflation.

*Cash withdrawals at ATMs located in the country*

*with cards issued outside the country* Difference between the value of *transactions at terminals in the country by cards issued outside the country: ATM cash withdrawals* [CT 8] in the current and previous year, divided by that number for the previous year, deflated by *CPI inflation* in the current year [CT 1], in per cent.

*with cards issued in the country* Idem for *transactions at terminals in the country by cards issued in the country: ATM cash withdrawals* [CT 8].

*Cash withdrawals at ATMs located outside the country*

*with cards issued in the country* Idem for *transactions at terminals outside the country by cards issued in the country: ATM cash withdrawals* [CT 8].

*E-money loading/unloading transactions at terminals in the country*

*with cards issued in the country* Idem for *transactions at terminals in the country by cards issued in the country: e-money loading/unloading transactions* [CT 8].

**Table 14: Transactions at terminals: number of payment transactions**

This table is based on CT 7. It gives an indication of card payments conducted at terminals located in the country, either with cards issued in the country or with cards issued outside the country.

*POS transactions at terminals located in the country*

*with cards issued outside the country* Transactions at terminals in the country by cards issued outside the country: *POS payment transactions* [CT 7].

*with cards issued in the country* Transactions at terminals in the country by cards issued in the country: *POS payment transactions* [CT 7].

*POS transactions at terminals located outside the country*

*with cards issued in the country* Transactions at terminals outside the country by cards issued in the country: *POS payment transactions* [CT 7].

*E-money payment transactions at terminals in the country*

*with cards issued in the country* E-money payment transactions by cards with an e-money function [CT 7].

**Table 14a: Transactions at terminals: increase in the number of payment transactions**

This table is based on CT 7 or on Table 14, in that it takes the figures concerning the use of payment and e-money cards, in volume terms, and calculates the year-on-year growth rate.

*POS transactions at terminals located in the country*

*with cards issued outside the country* Difference between the number of *transactions at terminals in the country by cards issued outside the country: POS payment transactions* [CT 7] in the current and previous year, divided by that number for the previous year, in per cent.

<i>with cards issued in the country</i>	Idem for <i>transactions at terminals in the country by cards issued in the country: POS payment transactions</i> [CT 7].
<i>POS transactions at terminals located outside the country</i>	
<i>with cards issued in the country</i>	Idem for <i>transactions at terminals outside the country by cards issued in the country: POS payment transactions</i> [CT 7].
<i>E-money payment transactions at terminals in the country</i>	
<i>with cards issued in the country</i>	Idem for <i>transactions e-money payment transactions by cards with an e-money function</i> [CT 7].

**Table 15: Transactions at terminals: value of payment transactions**

This table is based on CT 8 (the amounts have been converted to USD using the *average exchange rate* [CT 1]). It gives an indication of the value of card payments conducted at terminals located in the country, either with cards issued in the country or with cards issued outside the country.

<i>POS transactions at terminals located in the country</i>	
<i>with cards issued outside the country</i>	<i>Transactions at terminals in the country by cards issued outside the country: POS payment transactions</i> [CT 8].
<i>with cards issued in the country</i>	<i>Transactions at terminals in the country by cards issued in the country: POS payment transactions</i> [CT 8].
<i>POS transactions at terminals located outside the country</i>	
<i>with cards issued in the country</i>	<i>Transactions at terminals outside the country by cards issued in the country: POS payment transactions</i> [CT 8].
<i>E-money payment transactions at terminals in the country</i>	
<i>with cards issued in the country</i>	<i>E-money payment transactions by cards with an e-money function</i> [CT 8].

**Table 15a: Transactions at terminals: increase in the real value of payment transactions**

This table is based on CT 8 or on Table 15, in that it takes the figures concerning the use of payment and e-money cards, in value terms, and calculates the year-on-year growth rate, deflated by CPI inflation.

<i>POS transactions at terminals located in the country</i>	
<i>with cards issued outside the country</i>	Difference between the value of <i>transactions at terminals in the country by cards issued outside the country: POS payment transactions</i> [CT 7] in the current and previous year, divided by that number for the previous year, deflated by <i>CPI inflation</i> in the current year [CT 1], in per cent.
<i>with cards issued in the country</i>	Idem for <i>transactions at terminals in the country by cards issued in the country: POS payment transactions</i> [CT 7].
<i>POS transactions at terminals located outside the country</i>	
<i>with cards issued in the country</i>	Idem for <i>transactions at terminals outside the country by cards issued in the country: POS payment transactions</i> [CT 7].
<i>E-money payment transactions at terminals in the country</i>	
<i>with cards issued in the country</i>	Idem for <i>e-money payment transactions by cards with an e-money function</i> [CT 8].

## Interbank funds transfer systems (IFTs)

**Table PS1: Features of selected interbank funds transfer systems**

Figures are new and are not presented in the CTs. The first category, *System*, is presented in all payment systems (PS) tables.

<i>System</i>	All systems presented in CT 9.
<i>Type</i>	<i>Large-value payment system (L)</i> ; <i>retail payment system (R)</i> ; <i>foreign exchange settlement system (FX)</i> .  If the IFTS processes large-value and retail payments, it is shown as <i>L+R</i> .
<i>Settlement</i>	<i>Real-time gross settlement (RTGS)</i> .  <i>Net (N)</i> , of which <i>multilateral netting (MN)</i> and <i>bilateral netting (BN)</i> .  <i>Gross (G)</i> : other gross settlement.  <i>Batch settlement (BA)</i> : settlement of batches in gross value without netting.
<i>Owner/manager</i>	<i>Central bank (CB)</i> , <i>commercial banks (B)</i> or a <i>payment association (PA)</i> .
<i>Processing</i>	<i>Manual (M)</i> , <i>automated clearing house</i> (offline, via an electronic clearing system in which payment orders are exchanged among financial institutions and handled by a data processing centre; <i>ACH</i> ) or <i>real-time transmission</i> (the transmission of funds transfer instructions on an individual basis at the time they are initiated; <i>RTT</i> ).
<i>Membership</i>	<i>Open</i> (any bank can apply; <i>O</i> ) or <i>restricted</i> (subject to criteria; <i>R</i> ).
<i>Degree of centralisation</i>	<i>Centralised</i> (one processing centre where all settlement instructions are processed; <i>C</i> ) or <i>decentralised</i> (more than one processing centre; <i>D</i> ).
<i>Pricing</i>	Costs passed on to payment system participants: <i>full cost (F)</i> , including investments with a view to cost recovery, <i>variable cost (V)</i> , with a view to recovering the costs of transactions, <i>symbolic cost (S)</i> , below variable cost, or <i>no cost (O)</i> .
<i>Closing time for same day transactions</i>	Latest time of the day at which transactions can be sent to the system for settlement on the same day; in local time.
<i>Settlement finality</i>	<i>Real time</i> in RTGS systems.  <i>Intraday</i> in prefunded net systems. Intraday finality is settlement finality achieved continuously or several times throughout the settlement day. It can be provided through real-time settlement procedures and/or the settlement of the results of multiple batch processing during the settlement day.  At specific times of the day (in local time) in other net and gross systems.
<i>Cutoff third-party orders</i>	Latest time of the day at which transactions can be sent by third-party or indirect participants to the system for settlement on the same day; in local time.
<i>Standard money market hours</i>	<i>Opening</i> and <i>closing</i> expressed in local time.

**Table PS2: Payments processed by selected interbank funds transfer systems: number of transactions**

Based on CT 10.

<i>Number of transactions</i>	<i>Total number of transactions per system [CT 10].</i>
<i>Increase in the number of transactions</i>	Difference between the <i>total number of transactions</i> per system [CT 10], for the current and previous year, divided by that number for the previous year, in per cent.

**Table PS3: Payments processed by selected interbank funds transfer systems: value of transactions**

Based on CTs 10 and 11.

<i>Value of transactions</i>	<i>Total value of transactions per system [CT 11], converted to USD using the average exchange rate [CT 1].</i>
<i>Average value per transaction</i>	<i>Total value of transactions per system [CT 11], converted to USD using the average exchange rate [CT 1], divided by total number of transactions per system [CT 10].</i>
<i>Increase in the real value of transactions</i>	Difference between the <i>total value of transactions</i> per system [CT 10] in the current and previous year, divided by that number for the previous year, deflated by <i>CPI inflation</i> in the current year [CT 1], in per cent.
<i>Value of transactions as a percentage of GDP</i>	<i>Total value of transactions per system [CT 11], divided by GDP [CT 1], in per cent.</i>

**Table PS4: Participation in selected interbank funds transfer systems**

Figures concerning participation in payment systems come from CT 9 and concentration ratios from CTs 10 and 11.

<i>Total number of participants</i>	Total number of participants [CT 9].
<i>... of which: direct participants</i>	Direct participants [CT 9].
<i>Concentration ratio in terms of volume</i>	Concentration ratio in terms of volume [CT 10], in per cent.
<i>Concentration ratio in terms of value</i>	Concentration ratio in terms of value [CT 11], in per cent.



## Securities trading, clearing and settlement

### Table TRS1: Features of selected exchanges and trading systems

Figures are new and are not presented in the CTs. The first category, *Exchange/system*, is presented in all trading systems (TRS) tables.

<i>Exchange/system</i>	All exchanges and trading systems presented in CTs 14–18.
<i>Owner/manager</i>	<i>Central bank (CB)</i> , <i>commercial banks (B)</i> , a <i>stock exchange (SE)</i> or <i>other (O)</i> .  If owner and manager differ, both are provided. If (fully or partially) owned by another exchange, the name of that exchange is provided, as well as the share of its ownership rights.
<i>Markets/products</i>	<i>Securities (SEC)</i> : <i>bonds (B)</i> , <i>certificates of deposit (C)</i> , <i>government securities (G)</i> , <i>equity (E)</i> and/or <i>other (O)</i> ; <i>derivatives (DER)</i> .
<i>Trading</i>	<i>Floor trading (FLT)</i> or <i>electronic trading (ELT)</i> .
<i>Operating times</i>	Opening and closing time of the exchange/system; in local time.
<i>Relationship with the central counterparty (CCP)</i>	The CCP belongs to the same entity as the exchange = <i>internal (int)</i> ; is a subsidiary of the exchange = <i>parental (par)</i> ; or is independent from the exchange ( <i>indep</i> ). The name of the CCP is provided.

### Table TRS2: Trades executed on selected exchanges and trading systems: number of transactions

Based on CT 17.

<i>Number of transactions</i>	<i>Total number of transactions</i> per system [CT 17].
<i>Increase in the number of transactions</i>	Difference between the <i>total number of transactions</i> [CT 17] per system in the current and previous year, divided by that number for the previous year, in per cent.

### Table TRS3: Transactions processed by selected exchanges and trading systems: value of transactions

Based on CTs 17 and 18.

<i>Value of transactions</i>	<i>Total value of transactions</i> per system [CT 18], converted to USD using the <i>average exchange rate</i> [CT 1].
<i>Average value per transaction</i>	<i>Total value of transactions</i> per system [CT 18], converted to USD using the <i>average exchange rate</i> [CT 1], divided by <i>total number of transactions</i> per system [CT 17].
<i>Increase in the real value of transactions</i>	Difference between the <i>total value of transactions</i> per system [CT 18] in the current and the previous year, divided by the <i>total value of transactions</i> [CT 18] in the previous year, deflated by <i>CPI inflation</i> in the current year [CT 1], in per cent.
<i>Value of transactions as a percentage of GDP</i>	<i>Total value of transactions</i> per system [CT 18], divided by <i>GDP</i> [CT 1], in per cent.

**Table TRS4: Participation in selected exchanges and trading systems**

Based on CT 14.

*Total number of participants*                      Number of participants in trading systems – total [CT 14].

**Table TRS5: Securities listed on selected exchanges and trading systems**

Based on CTs 15 and 16.

*Number of securities listed*                      *Total number of securities listed* [CT 15].

*Market capitalisation*                      *Total market capitalisation* [CT 16], converted to USD using the *end-of-year exchange rate* [CT 1].

**Table CCP1: Features of selected central counterparties and clearing houses**

Figures are new and are not presented in the CTs. The first category, *Entity*, is presented in all CCP tables.

<i>Entity</i>	All CCPs presented in CTs 19–21.
<i>CCP or clearing house</i>	The entity is a central counterparty ( <i>CCP</i> ) or a clearing house ( <i>CH</i> ).
<i>Owner/manager</i>	<i>Central bank (CB), commercial banks (B), a stock exchange (SE), another CCP (CCP) or clearing house (CH) or other (O).</i>  If owner and manager differ, both are provided. If (fully or partially) owned by an exchange, a CCP or a clearing house, the name of that entity is provided, as well as the share of its ownership rights.
<i>Relationship with exchange</i>	The CCP belongs to the same entity as the exchange = internal ( <i>int</i> ); is a subsidiary of the exchange = parental ( <i>par</i> ); or is independent from the exchange ( <i>indep</i> ). The name of the CCP is provided.
<i>Relationship with CSD</i>	The CCP belongs to the same entity as the CSD = internal ( <i>int</i> ); is a subsidiary of the CSD = parental ( <i>par</i> ); or is independent from the CSD ( <i>indep</i> ). The name of the CSD is provided.
<i>Intraday margining</i>	<i>Routine and/or event-driven.</i> When event-driven, price-driven ( <i>P</i> ) or size-driven ( <i>S</i> ).
<i>Products/markets cleared</i>	Securities ( <i>SEC</i> ), derivatives ( <i>DER</i> ) and/or repos ( <i>REP</i> ).
<i>Currencies</i>	ISO code of the cleared currencies.
<i>Securities settlement agent</i>	The securities settlement agent ( <i>CSD</i> (the name of the CSD is provided), <i>central bank (CB), commercial banks (B) or other (O)</i> ) settles the securities leg of the transaction. The information is given per product and per currency.
<i>Cash settlement agent</i>	The cash settlement agent ( <i>central bank (CB), commercial banks (B) or other (O)</i> ) settles the cash leg of the securities transaction. The information is given per product and per currency.
<i>Links to other CCPs</i>	Such links can be based on <i>cross-participation</i> or on <i>common systems</i> . The number of links is provided per currency area.

**Table CCP2: Transactions cleared by selected central counterparties and clearing houses: number of transactions**

Based on CT 20.

<i>Number of transactions</i>	<i>Total number of transactions per CCP or clearing house [CT 20].</i>
<i>Increase in the number of transactions</i>	Difference between the <i>total number of transactions</i> [CT 20] per CCP or clearing house in the current and previous year, divided by that number for the previous year, in per cent.

**Table CCP3: Transactions cleared by selected central counterparties and clearing houses: value of transactions**

Based on CTs 20 and 21.

<i>Value of transactions</i>	<i>Total value of transactions per CCP or clearing house [CT 21], converted to USD using the average exchange rate [CT 1].</i>
<i>Average value per transaction</i>	<i>Total value of transactions per CCP or clearing house [CT 21], converted to USD using the average exchange rate [CT 1], divided by total number of transactions per system [CT 20].</i>
<i>Increase in the real value of transactions</i>	Difference between the <i>total value of transactions</i> per system [CT 21] in the current and the previous year, divided by the <i>total value of transactions</i> [CT 21] in the previous year, deflated by <i>CPI inflation</i> in the current year [CT 1], in per cent.
<i>Value of transactions as a percentage of GDP</i>	<i>Total value of transactions</i> CCP or clearing house [CT 21], divided by <i>GDP</i> [CT 1], in per cent.

**Table CCP4: Participation in selected central counterparties and clearing houses**

Based on CT 19.

<i>Total number of participants</i>	Number of participants in CCPs and clearing houses – total [CT 19].
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**Table CSD1: Features of selected central securities depositories**

Figures are new and are not presented in the CTs. The first category, *CSD*, is presented in all central securities depositories (CSDs) tables.

<i>CSD</i>	All CSDs presented in CTs 22–26.
<i>Type of securities held</i>	<i>Domestic securities (DOM)</i> and/or <i>international securities (INT)</i> . <i>Bonds (B)</i> , <i>certificates of deposit (C)</i> , <i>government securities (G)</i> , <i>equity (E)</i> and/or <i>other (O)</i> .
<i>Owner/manager</i>	<i>Central bank (CB)</i> , <i>commercial banks (B)</i> , the <i>stock exchange (SE)</i> or <i>other (O)</i> .
<i>Securities settlement system</i>	Name of the settlement system(s). If more than one system is in operation during the reporting period for the statistical tables, information and data can be sent separately for each settlement system.
<i>Closing time for same day transactions</i>	Latest time of the day at which transactions can be sent to the system for settlement on the same day; in local time.
<i>Links to other CSDs</i>	Such links can be <i>direct</i> (based on cross-participation), or <i>indirect</i> (through local agents). They can allow <i>FoP</i> or <i>DVP</i> settlement. The number of links and their category is provided per currency area.

<i>Delivery lag (T+n)</i>	Time lag between entering into a trade/bargain and its discharge by the final exchange of a financial asset for payment.
<i>Intraday finality</i>	Settlement finality achieved continuously or several times throughout the settlement day. Intraday finality can be provided through real-time settlement procedures and/or the settlement of the results of multiple batch processing during the settlement day (yes if the system offers intraday finality; no otherwise).
<i>DVP (delivery versus payment) mechanism</i>	<p>A link between a securities transfer system and a funds transfer system that ensures that delivery occurs if, and only if, payment occurs.</p> <p>In <i>DVP model 1</i>, transfer instructions for both securities and funds are settled on a trade-by-trade basis, with final transfer of securities from the seller to the buyer (delivery) occurring at the same time as final transfer of the funds from the buyer to the seller (payment).</p> <p>In <i>DVP model 2</i>, securities transfer instructions are settled on a gross basis, with final transfer of securities from the seller to the buyer (delivery) occurring throughout the processing cycle, but funds transfer instructions are settled on a net basis, with final transfer of the funds from the buyer to the seller (payment) occurring at the end of the processing cycle.</p> <p>In <i>DVP model 3</i>, transfer instructions for both securities and funds are settled on a net basis, with final transfer of both securities and funds occurring at the end of the processing cycle.</p>
<i>Currencies</i>	For domestic CSDs, ISO code of the currencies in which settlement can be done; for international CSDs, number of currencies in which settlement can be done.
<i>Cash settlement agent</i>	The cash settlement agent ( <i>central bank (CB)</i> , <i>commercial banks (B)</i> , <i>stock exchange (SE)</i> or <i>other</i> (the name of the cash settlement agent is provided)) settles the cash leg of the securities transactions. The information is provided per currency, when relevant.

**Table CSD2: Transactions processed by selected central securities depositories: number of transactions**

Based on CT 25.

<i>Number of transactions</i>	<i>Total number of transactions</i> per CSD [CT 25].
<i>Increase in the number of transactions</i>	Difference between the <i>total number of transactions</i> [CT 25] per CSD in the current and previous year, divided by that number for the previous year, in per cent.

**Table CSD3: Transactions processed by selected central securities depositories: value of transactions**

Based on CTs 25 and 26.

<i>Value of transactions</i>	<i>Total value of transactions</i> per CSD [CT 26], converted to USD using the <i>average exchange rate</i> [CT 1].
<i>Average value per transaction</i>	<i>Total value of transactions</i> per CSD [CT 26], converted to USD using the <i>average exchange rate</i> [CT 1], divided by <i>total number of transactions</i> per CSD [CT 25].
<i>Increase in the real value of transactions</i>	Difference between the <i>total value of transactions</i> per CSD [CT 26] in the current and the previous year, divided by the <i>total value of transactions</i> [CT 26] in the previous year, deflated by <i>CPI inflation</i> in the current year [CT 1], in per cent.

*Value of transactions as a percentage of GDP*      *Total value of transactions per CSD [CT 126], divided by GDP [CT 1], in per cent.*

**Table CSD4: Participation in selected central securities depositories**

Based on CT 22.

*Total number of participants*      Number of participants in CSDs – total [CT 22].

**Table CSD5: Securities held on account at selected central securities depositories**

Based on CTs 23 and 24.

*Number of securities held*      *Total number of securities held [CT 23].*

*Value of securities held*      *Total value of securities held [CT 24], converted to USD using the average exchange rate [CT 1].*



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